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2.1 Air Quality

ENVIRONMENTAL BASELINE STUDIES

DATA PRESENTATION

PROGRESS REPORT 8

for

Rio Blanco Oil Shale Project
9725 E. Hampden Avenue
Denver, Colorado 80231

October 1976

ABSTRACT

This report presents the progress of RBOSP's environmental baseline studies during the eighth quarter of study (June, July and August 1976). Studies reported include air quality, meteorology, terrestrial and aquatic ecology, soils, archaeology and trace metals.

Analysis of air quality parameters measured on Tract C-a indicates that, with the exception of ozone and hydrocarbons, the mean values are in the expected low background ranges. The seasonal mean values for CO, H_2S and SO_2 are comparable to the lower limits of detectability of the analyzers.

The particulate concentrations observed during this quarter did not violate the federal 24-hour maximum primary or the state 24-hour maximum standard. The federal secondary standard was exceeded three times during the reporting quarter.

Wind speeds at Sites 1 and 2 were slightly higher than at Sites 3 and 4, with a maximum wind speed of 9.35 mph recorded at Site 2. Prevailing wind direction at Site 1 was from the west southwest and from the southwest at Site 2.

The valley sites (3 and 4) had a much larger diurnal temperature variation than the plateau sites (1 and 2). The intensity of the cold portion of the composite days at Sites 3 and 4, in relation to that at Sites 1 and 2, is much greater. This probably results from valley drainage of cold air.

Atmospheric stability studies indicated mean surface inversions exist during the interval from 2000 hours MST to 0700 hours MST the following morning. The intensity of the inversion was relatively weak; however, when breakup occurred, delta temperature values became significantly unstable.

Upper air studies were intentionally omitted.

Ten different vegetation types were sampled in the study area during May. The flora identified to date includes 5 tree species, 37 shrub species, 162 forb species and 47 grass or grass-like species. Three new species were added to this list. The grazing exclosure was sampled during this quarter. Sagebrush was the dominant shrub species in three of the four compartments, while pinyon pine and juniper were the dominant canopy species.

Small mammal live trapping efforts yielded 2,023 individuals representing 11 species. Trapping success for the eighth quarter was 37%, with the deer mouse and least chipmunk being the most frequently trapped small mammal. The number of captures per 100 trap nights for these two species increased 300% from previous warm weather periods (October 1974 and May, July and September 1975). Removal trapping yielded 12 species plus five shrews currently being identified by a taxonomist. No new small mammal species were recorded during the quarter.

Only five mule deer were observed during this quarter, and they were located in the Cathedral Bluff area. A maximum of 98 feral horses were observed during the 1976 survey, with a total of 137 observed during the eighth quarter. Herds varied in size from 4 to 12. Only one elk was observed during the quarter; it was located west of Tract C-a. Pellet counts were also conducted during this period. The maximum pellet count indice was .9 on Transects 5 and 6, located east of Tract C-a.

Mammalian predator surveys were also conducted during this reporting period. Indices associated with the scent stations varied from 10.3 to 29.3 for Lines A and B. Station response indices for the siren program varied from 55 to 95. No predators were captured in the Havahart traps, although three weasels were captured in the Sherman traps.

One new bird species was encountered this quarter, bringing the total number of species in the area to 139. Fifty-three species were observed during the summer quarter. Transect 11 (sagebrush) exhibited the lowest species diversity index. Riparian habitat exhibited the highest density index with the lowest density associated in an upland meadow community. A sage grouse brood survey was conducted during the summer, with a total of one adult bird observed. Blue grouse booming grounds were visited, with seven adult males, four adult females and four juveniles being recorded. Waterfowl were observed in the Stake Springs impoundments.

Aerial raptor surveys produced 18 individuals representing seven raptor species. A ground raptor nest search was also conducted which located an active golden eagle's eyrie.

Four reptile species were encountered during the summer field program. Two species of amphibians were reported during the amphibian breeding survey.

Extensive invertebrate sampling and laboratory analysis was conducted during this period. Numerically, the predominate groups changed with each of the sampling methods.

Five hundred forty-three domestic livestock were counted during aerial surveys.

During the sampling period May-June 1976, nine stations were dry or inaccessible for sampling due to high water in the White River. A total of 118 alga taxa were observed in April and 122 observed in May-June. Zooplankton taxa totals were 73 for May-June 1976. A total of 99 periphytic algal taxa were reported. Macroinvertebrates were only partially analyzed; however, five species of macrophytes were identified. Fish sampling accounted for 171 fish representing six species.

Stream velocities varied from no flow at Stations 5, 17 and 18 to 5-8 feet per second at Station 23 (May-June).

Soil studies conducted during this quarter included chemical analysis of samples. This data will then be transferred to standard 80-column punch cards.

The cultural resource document has been reviewed and currently suggestions are being incorporated. This document includes archaeology, paleontology and historic landmarks.

Visibility studies were conducted during this period. During summer, sector visibility ranged from 2 to 150 meters. The 2-mile sector visibility occurred on 11 August 1976.

Noise measurements were collected in the study area. In general, the results of the two studies agreed: wind played an important factor in decibel readings for both studies.

Field studies estimating seedling emergence and survival on the 1975 revegetation plots have been completed. Data from these studies are being analyzed and the results will be reported by the end of the current year.

2.0 ENVIRONMENTAL BASELINE DATA GATHERING PROJECT

Multidisciplinary environmental baseline data gathering programs have been on-going for the RBOSP since October 1974. Areas of study include air quality, meteorology, terrestrial ecology, aquatic ecology, archaeology, soils, revegetation, paleontology, trace metals and seismicity. Some parameters are monitored continuously (e.g., air quality); other parameters are monitored seasonally (e.g., small mammal studies). Still other parameters are determined at regular intervals (e.g., visibility) or once or twice during the life of the project (e.g., seismicity).

Reports covering progress in each of these areas are submitted to the Area Oil Shale Supervisor on a quarterly basis. The quarter reported herein covers the period from June through August 1976. This represents the eighth quarter of study.

In most cases, objectives and methods for each of the parameters studied have been thoroughly discussed in one of the previous seven progress reports. These discussions have been omitted from this report, but the numbering system for sections has been retained to facilitate comparison with previous reports. In some cases, no data were collected in a particular area during the quarter. No reference is made to these studies in the text; however, they are identified in the Table of Contents as "no data collected".

Revegetation studies during the quarter were limited to the laboratory rearing of six grass species to provide voucher specimens at various ages for taxonomic purposes and continuing review of the literature. Toxicological studies are being conducted by RBOSP personnel, but are not within the scope of the environmental baseline studies and are not reported herein. Section 2.5.6, Visibility, has been deleted so that all visibility studies can be discussed in Section 2.2.3.

2.1 Air Quality

METEOROLOGY AND AIR QUALITY
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
SUMMER 1976

Prepared for

The Rio Blanco Oil Shale Project

By

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2.1 AIR QUALITY

Air quality studies are designed to meet and, in some cases exceed, the following lease stipulations: . . . "in the collection of baseline data, the Lessee shall monitor air quality over at least 90 percent of each lease year, during which monitoring is required, using four strategically located stations. One of the stations shall be at the expected point of maximum concentration, or as close to that expected point of maximum concentration as feasible. The Lessee shall monitor air quality for sulfur dioxide, hydrogen sulfide, and suspended particulates, using automatic instruments with continuous recorders, when applicable. The Lessee shall also monitor, under the same conditions, hydrocarbons, oxides of nitrogen, and other pollutants, where the Area Oil Shale Supervisor has determined that such monitoring is necessary to determine baseline air quality or to conduct an effective monitoring program."

The Air Quality and Meteorological Data Acquisition System for the RBOSP consists of: four monitoring sites, each with tower-mounted meteorological instruments and trailer-contained air quality instrumentation; interface electronics; RF data telemetry links; and a central minicomputer for data storage and processing (Figure 2.1-1). Individual system configurations for each site are presented in Figures 2.1-2 through 2.1-4. Air quality parameters measured at each site are:

Site No.	THC	CH_4	SO_2	H_2S	NO_x	NO	CO	O_3	Particulates
1	X	X	X	X	X	X	X	X	X
2	X	X	X	X					X
3	X	X	X	X	X	X	X	X	X
4	X	X	X	X					X

Data from all stations are sent to the minicomputer at the central station (Site 1). The minicomputer exponentially averages the air quality data from the continuously operating analyzers. The minicomputer stores the data on magnetic tape, the primary recording medium. A high speed printer provides a hardcopy printout. Backup analog recorders are located in air quality trailers.

The Summer 1976 quarter (season) is defined as June 1, 1976 through August 31, 1976.

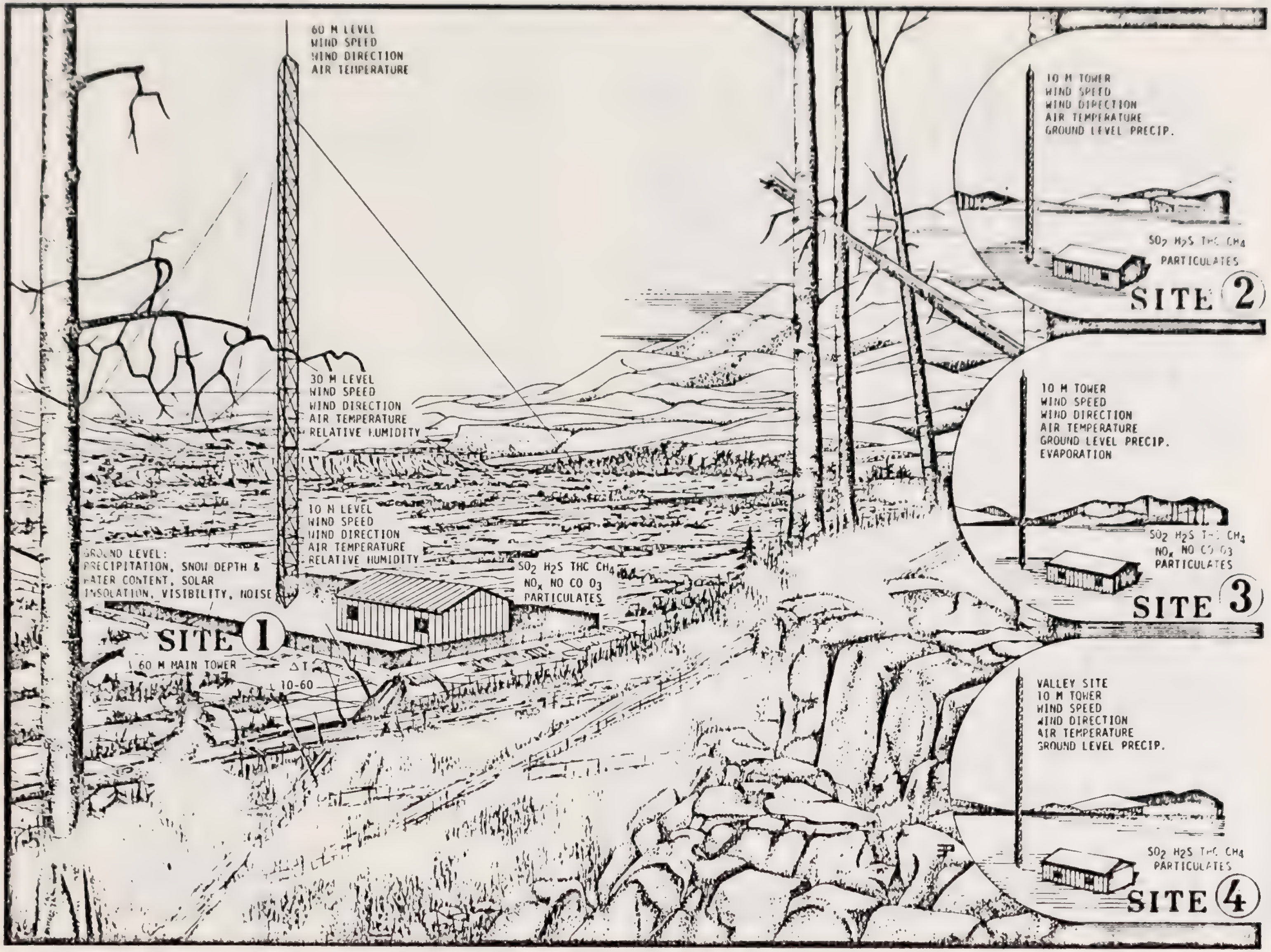

Figure 2.1-1. Meteorological and air quality data acquisition system for Tract C-a, RBOSP.

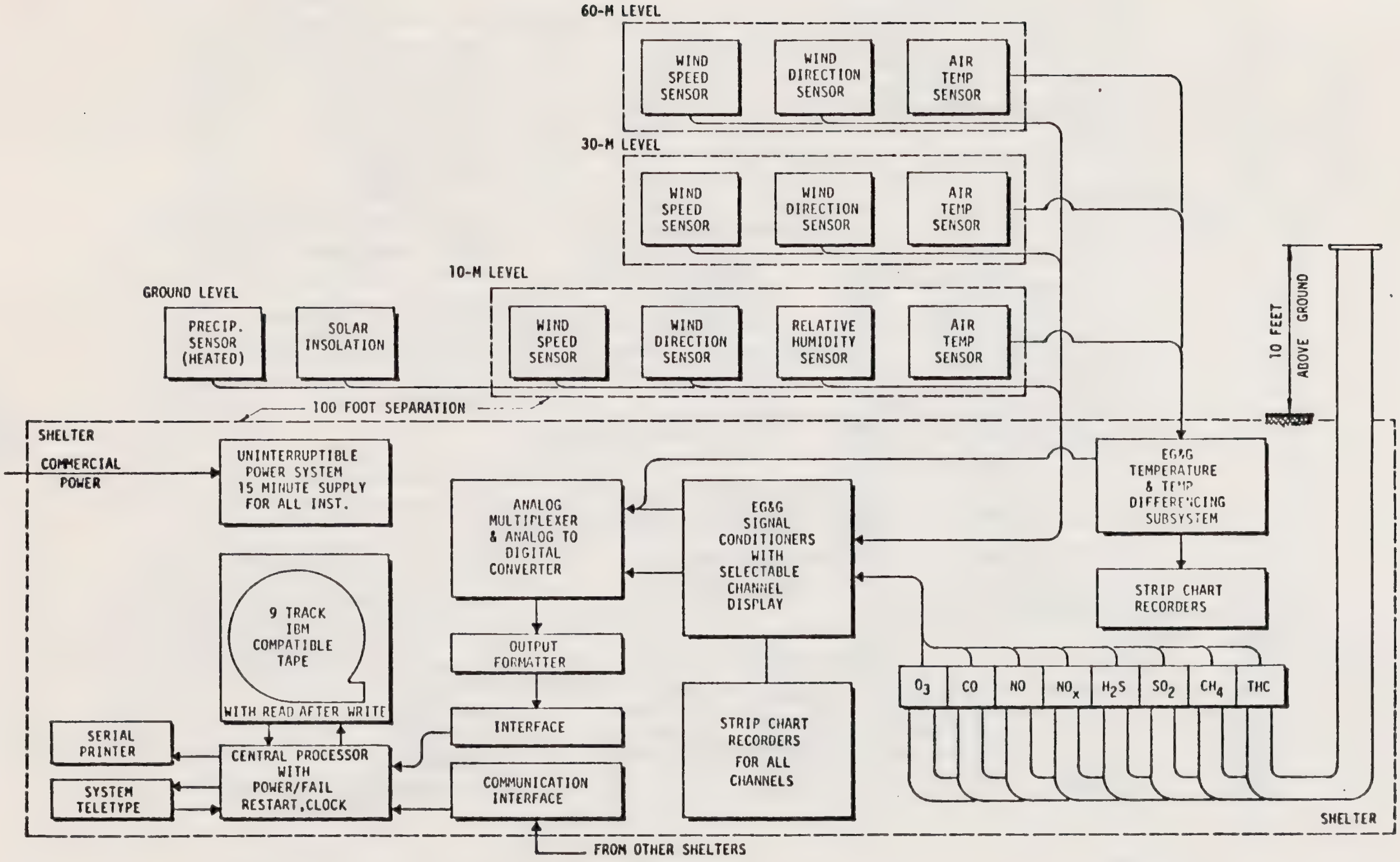

Figure 2.1-2. Site 1 central station system configuration, RBOSP.

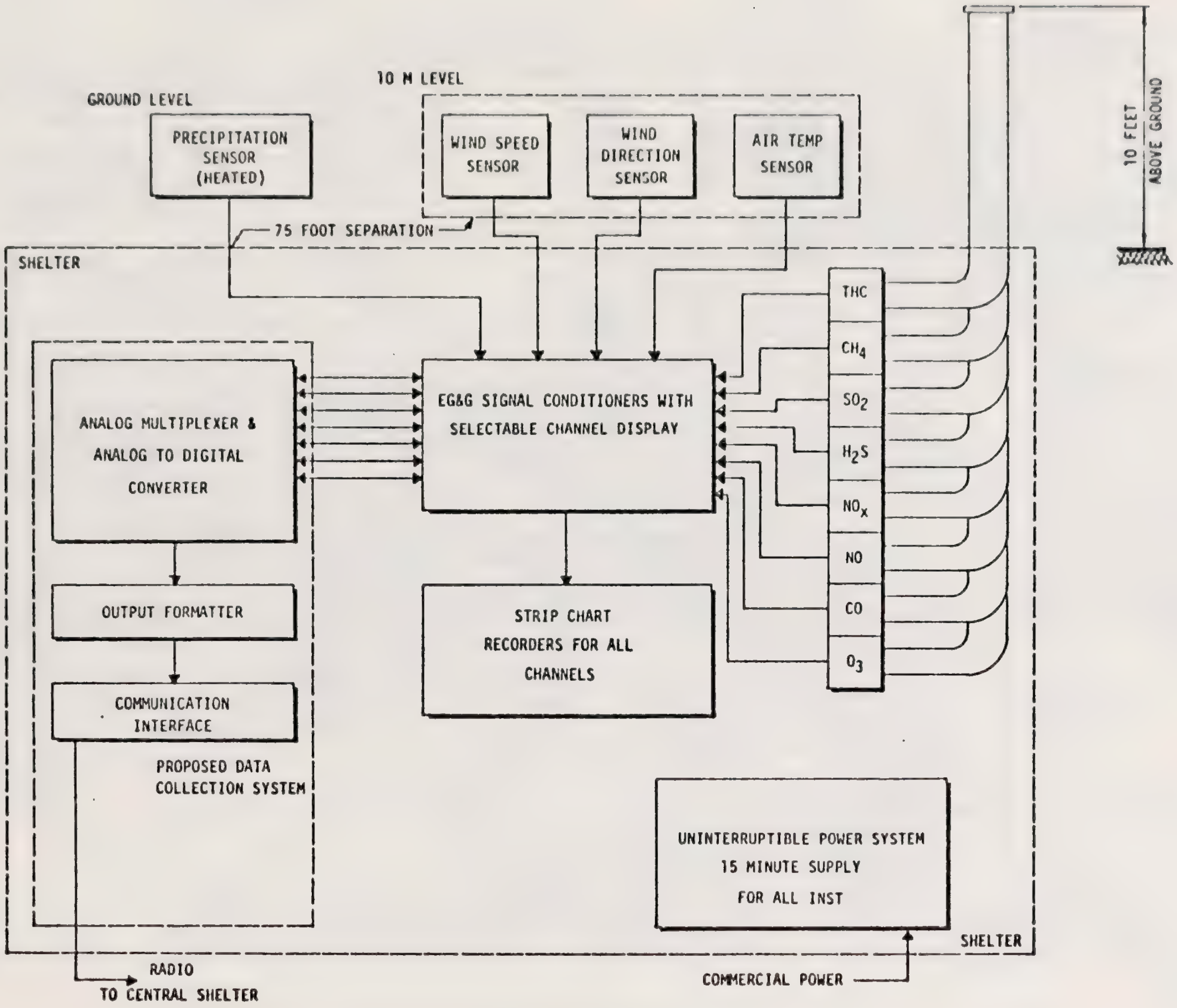
GROUND LEVEL
PRECIPITATION SENSOR (HEATED)
10 M LEVEL
WIND SPEED SENSOR
WIND DIRECTION SENSOR
AIR TEMP SENSOR
10 FEET ABOVE GROUND
75 FOOT SEPARATION
SHELTER
THC
CH_4
SO_2
H_2S
NO_x
NO
CO
O_3
ANALOG MULTIPLEXER & ANALOG TO DIGITAL CONVERTER
EG&G SIGNAL CONDITIONERS WITH SELECTABLE CHANNEL DISPLAY
OUTPUT FORMATTER
STRIP CHART RECORDERS FOR ALL CHANNELS
COMMUNICATION INTERFACE
PROPOSED DATA COLLECTION SYSTEM
UNINTERRUPTIBLE POWER SYSTEM 15 MINUTE SUPPLY FOR ALL INST
SHELTER
RADIO TO CENTRAL SHELTER
COMMERCIAL POWER

Figure 2.1-3. Valley site, Site 3, instrumentation trailer, RBOSP.

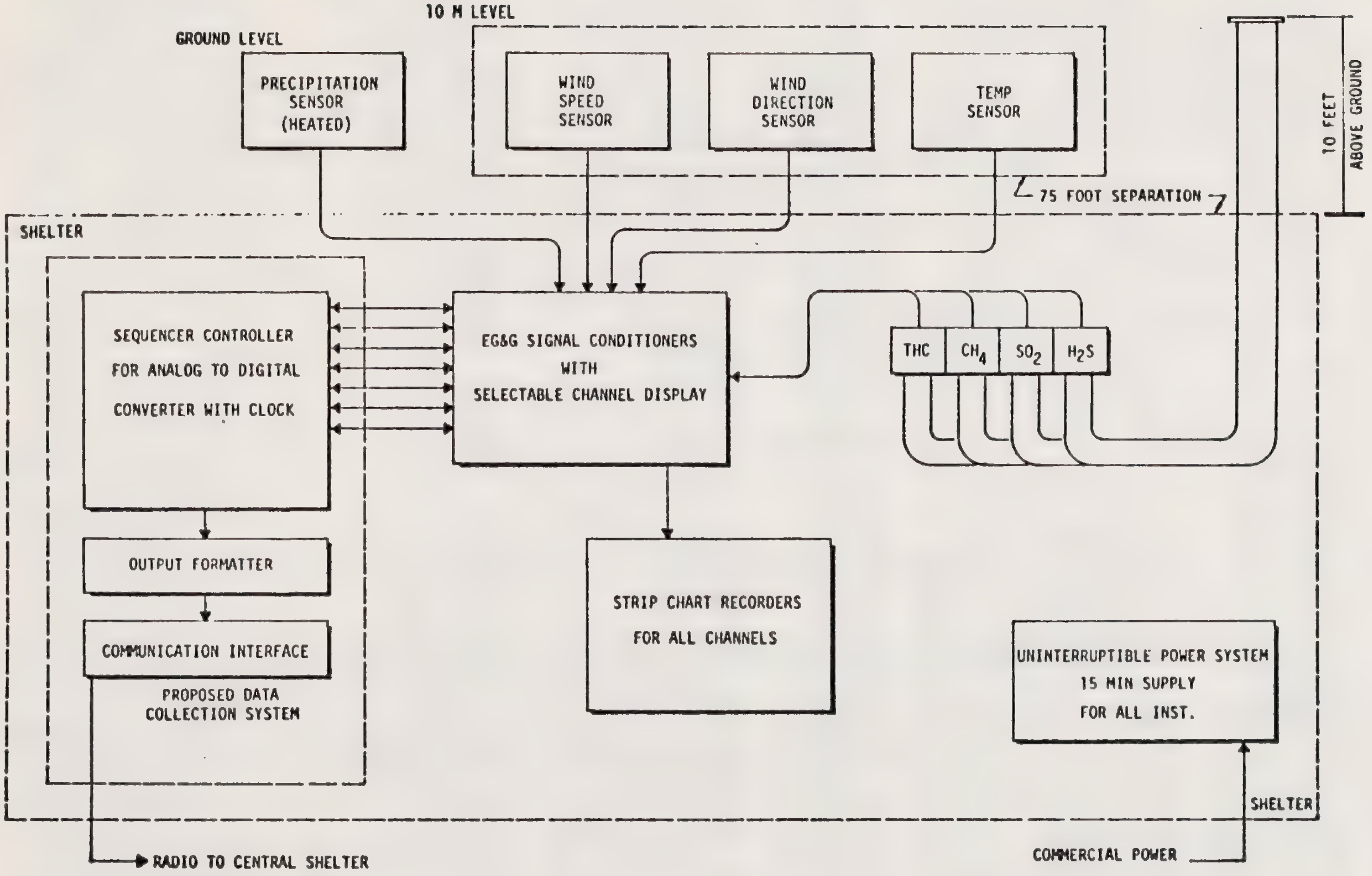
GROUND LEVEL
10 M LEVEL
PRECIPITATION SENSOR (HEATED)
WIND SPEED SENSOR
WIND DIRECTION SENSOR
TEMP SENSOR
10 FEET ABOVE GROUND
75 FOOT SEPARATION
SHELTER
SEQUENCER CONTROLLER FOR ANALOG TO DIGITAL CONVERTER WITH CLOCK
EG&G SIGNAL CONDITIONERS WITH SELECTABLE CHANNEL DISPLAY
THC
CH4
SO2
H2S
OUTPUT FORMATTER
COMMUNICATION INTERFACE
PROPOSED DATA COLLECTION SYSTEM
STRIP CHART RECORDERS FOR ALL CHANNELS
UNINTERRUPTIBLE POWER SYSTEM 15 MIN SUPPLY FOR ALL INST.
SHELTER
RADIO TO CENTRAL SHELTER
COMMERCIAL POWER

Figure 2.1-4. Remote site instrumentation shelters for Sites 2 and 4, RBOSP.

2.1.1.3 Results

Table 2.1-1 lists the instruments and air quality measurement techniques used for monitoring gases. Also presented are the lower detectable limits (LDL) for the instruments. The LDL are interpreted as the lowest concentration that can be differentiated from noise.

Analysis of the air quality parameters measured on Tract C-a indicates that with the exception of ozone and hydrocarbons, the mean values are in the expected low background ranges. Results of the analysis are discussed and tabulated in this section. For a complete hourly listing of the data, refer to Appendix A, Section A.1. For composite day summaries containing minimum, maximum, and mean values by hour of the day for all air quality parameters at all sites, refer to Appendix A, Section A.2. Recovery percentages are presented in Appendix A, Section A.3.

Table 2.1-2 presents a comparison of Federal and State Standards with measurements taken from 1 June, 1976 through 31 August, 1976 at the RBOSP sites. None of the gaseous variables exceeded standards during the quarter.

The particulate concentrations observed during this quarter did not violate the federal 24-hour maximum primary or the state 24-hour maximum standard. The federal secondary 24-hour standard was exceeded three times during the quarter. All exceedences occurred at Site 4. The mean value for all sites for the quarter, if continued at the same rate, would not result in an annual mean higher than the federal or state annual particulates standard.

Seasonal and monthly minimum, maximum, and mean values for all air quality parameters are presented in Tables 2.1-3 through 2.1-6. Table 2.1-6 combines the values in Tables 2.1-3, 2.1-4, and 2.1-5 for a composite representation of the data for this quarter, Summer, 1976.

2.1.1.3.1 Gases

Table 2.1-6 indicates that the seasonal mean values for CO, H_2S, and SO_2 are comparable to the lower limit of detectability of the analyzers. Seasonal mean values of ozone are similar in magnitude to the maximum levels specified by the regulatory standards. The levels of ozone appear to be background, and not associated with man's activity. The hydrocarbon (both methane and total hydrocarbons) concentrations remain relatively constant throughout the day, while the ozone exhibits definite diurnal variations with a maximum at about noon and a minimum at about midnight.

Table 2.1-1. Air quality instrumentation and measurement techniques, RBOSP.

Parameter	Manufacturer	Model	Technique	Lower Detectable Limit (ppm) 1/	Accuracy ± (ppm)
SO_2/H_2S	Bendix	8700X	Flame photometric with separation column for SO_2 and H_2S	0.005	0.020
NO_x/NO	Bendix	8101-B	Chemiluminescence	0.005	0.010
THC/CH_4	Bendix	8201	Flame ionization detector with separation column for CH_4	0.005	0.10 (THC) 0.02 (CH_4)
Photochemical Oxidant (O_3)2/	Bendix	8002	Chemiluminescence	0.001	0.004 3/
CO	Bendix	8501-5CA	Nondispersive infrared detector	0.5	0.500 3/

1/ LDL is the lowest concentration that can be differentiated from instrument noise.

2/ Photochemical oxidant corrected for interference due to nitrogen oxide and nitrogen dioxide as measured by the Federal Reference as ozone (O_3) with the chemiluminescence method.

3/ Estimated accuracy.

Table 2.1-2. Comparison of Federal and State air quality standards to measurements made during Summer 1976, RBOSP.

Parameter	Standard $\mu g/m^3$	Standard (ppm)	Time Interval	Type of Standard	No. of Times Exceeded During Quarter	Site 1 Max. Measured Value $\mu g/m^3$	Site 1 Max. Measured Value ppm	Site 1 Time	Site 2 Max. Measured Value $\mu g/m^3$	Site 2 Max. Measured Value ppm	Site 2 Time	Site 3 Max. Measured Value $\mu g/m^3$	Site 3 Max. Measured Value ppm	Site 3 Time	Site 4 Max. Measured Value $\mu g/m^3$	Site 4 Max. Measured Value ppm	Site 4 Time
CO	40,000	(35)	1 hr max.	Primary & Secondary[1/]	0	1384	1.209	1600 6/2	—	—	—	1491	1.302	0900 6/17	—	—	—
CO	10,000	(9)	8 hr max.	Primary & Secondary[1/]	0	877	0.766	1700 8/14	—	—	—	1401	1.224	1300 6/17	—	—	—
Nonmethane Hydrocarbon	160	(0.24)	3 hr max. (6-9 am only)	Primary & Secondary[1/]	0	114	0.174	6/5	147	0.225	8/11	21	0.032	6/20	44	0.068	8/14
NO_2	100	(0.05)	Annual Arith. Mean	Primary & Secondary[1/]	NA	0[3/]	0.000[3/]	NA	—	—	—	0[3/]	0.000[3/]	NA	—	—	—
Ozone	160	(0.08)	1 hr max.	Primary & Secondary[1/]	0	110	0.056	0100 6/17	—	—	—	133	0.068	1400 7/3	—	—	—
SO_2	365	(0.14)	24 hr max	Primary[1/]	0	18	0.007	0000 6/23	1	0.0003	1800 8/9	21	0.008	1300 6/5	55	0.021	1800 8/24
SO_2	80	(0.03)	Annual Arith. Mean	Primary[1/]	NA	3[3/]	0.001[3/]	NA	0[3/]	0.000[3/]	NA	10[3/]	0.004[3/]	NA	8[3/]	0.003[3/]	NA
SO_2	1300	(0.5)	3 hr max.	Secondary[1/]	0	94	0.036	0000 7/1	3	0.001	1700 7/1	58	0.022	1900 7/16	112	0.043	1700 8/24
Particulates	260		24 hr max.	Primary[1/]	0	81	NA	7/21	57	NA	8/26	105	NA	8/22	173	NA	6/3
Particulates	75		Annual Geo. Mean	Primary[1/]	NA	22[4/]	NA	NA	22[4/]	NA	NA	27[4/]	NA	NA	32[4/]	NA	NA
Particulates	150		24 hr max.	Secondary[1/]	3	81	NA	7/21	57	NA	8/26	105	NA	8/22	173	NA	6/3
Particulates	60		Annual Geo. Mean	Secondary[1/]	NA	22[4/]	NA	NA	22[4/]	NA	NA	27[4/]	NA	NA	32[4/]	NA	NA
Particulates	150[6/]		24 hr max.	State[2/]	0	62	NA	7/21	44	NA	8/26	80	NA	8/22	132	NA	6/3
Particulates	45[6/]		Annual Arith. Mean	State[2/]	NA	21[3/]	NA	NA	19[3/]	NA	NA	25[3/]	NA	NA	35[3/]	NA	NA

[1/] Environmental Protection Agency Regulations on national primary and secondary ambient air quality standards (40 CFR 50: 36 FR 22384, November 25, 1971: as amended by 38 FR 25678, September 14, 1973; 40 FR 7042, February 18, 1975).

[2/] Ambient air standards for metropolitan Denver air quality control region, air quality contral areas, and the State of Colorado; Adopted: September 10, 1970, Effective: December 17, 1970, amended September 4, 1974, amended September 4, 1975.

[3/] Arithmetic mean of values measured during the quarter.

[4/] Geometric mean of values measured during the quarter.

[5/] All EPA Standards are at reference conditions of 25°C and 760 mmHg.

[6/] Reported at ambient temperature and pressure.

NA = Not [illegible]licable.

__ = Not [illegible]sured at this site.

Table 2.1-3. Air quality parameters, monthly summary for June, 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
		SITE 1		
O_3	ppm	0.019	0.056	0.036
CO	ppm	0.000	1.209	0.219
NO	ppm	0.000	0.219	0.040
NO_x	ppm	0.000	0.219	0.039
CH_4	ppm	1.057	1.460	1.293
THC	ppm	1.106	1.523	1.328
H_2S	ppm	0.000	0.033	0.002
SO_2	ppm	0.000	0.092	0.002
Particulates	$\mu g/m^3$	4	61	17[2]
		SITE 2		
CH_4	ppm	1.237	1.514	1.386
THC	ppm	1.305	1.568	1.431
H_2S	ppm	0.002	0.003	0.002
SO_2	ppm	0.000	0.001	0.000
Particulates	$\mu g/m^3$	10	41	20[2]
		SITE 3		
O_3	ppm	0.008	0.064	0.036
CO	ppm	0.000	1.302	0.365
NO	ppm	0.000	0.007	0.003
NO_x	ppm	0.001	0.007	0.003
CH_4	ppm	1.081	1.608	1.423
THC	ppm	1.093	1.623	1.441
H_2S	ppm	0.003	0.008	0.004
SO_2	ppm	0.003	0.011	0.004
Particulates	$\mu g/m^3$	5	59	19[2]
		SITE 4		
CH_4	ppm	1.282	1.546	1.438
THC	ppm	1.296	1.574	1.465
H_2S	ppm	0.001	0.015	0.002
SO_2	ppm	0.002	0.015	0.003
Particulates	g/m^3	14	173	55[2]

---

[1] Values presented are based upon hourly averages

[2] Geometric mean

Table 2.1-4. Air quality parameters, monthly summary for July, 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
SITE 1				
O_3	ppm	0.023	0.055	0.038
CO	ppm	0.000	0.747	0.261
NO	ppm	0.000	0.237	0.049
NO_x	ppm	0.000	0.234	0.047
CH_4	ppm	1.213	1.458	1.371
THC	ppm	1.203	1.508	1.403
H_2S	ppm	0.000	0.047	0.002
SO_2	ppm	0.000	0.021	0.001
Particulates	$\mu g/m^3$	11	81	26[2]
SITE 2				
CH_4	ppm	1.270	1.506	1.413
THC	ppm	1.250	1.504	1.419
H_2S	ppm	0.001	0.004	0.002
SO_2	ppm	0.000	0.004	0.000
Particulates	$\mu g/m^3$	15	48	27[2]
SITE 3				
O_3	ppm	0.005	0.068	0.040
CO	ppm	0.058	0.833	0.326
NO	ppm	0.001	0.012	0.004
NO_x	ppm	0.001	0.016	0.005
CH_4	ppm	0.879	1.546	1.420
THC	ppm	0.842	1.667	1.432
H_2S	ppm	0.001	0.034	0.004
SO_2	ppm	0.002	0.049	0.004
Particulates	$\mu g/m^3$	12	93	37[2]
SITE 4				
CH_4	ppm	1.111	1.503	1.401
THC	ppm	1.274	1.545	1.426
H_2S	ppm	0.001	0.021	0.002
SO_2	ppm	0.000	0.020	0.002
Particulates	g/m^3	13	53	27[2]

---

[1] Values presented are based upon hourly averages

[2] Geometric mean

Table 2.1-5. Air quality parameters, monthly summary for August, 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
SITE 1				
O_3	ppm	0.017	0.044	0.031
CO	ppm	0.000	0.944	0.396
NO	ppm	0.000	0.001	0.001
NO_x	ppm	0.000	0.002	0.001
CH_4	ppm	1.220	1.485	1.392
THC	ppm	1.186	1.504	1.399
H_2S	ppm	0.000	0.012	0.001
SO_2	ppm	0.000	0.019	0.000
Particulates	μg/m^3	7	54	22[2]
SITE 2				
CH_4	ppm	1.227	1.507	1.383
THC	ppm	1.178	1.630	1.423
H_2S	ppm	0.001	0.002	0.001
SO_2	ppm	0.000	0.001	0.000
Particulates	μg/m^3	10	57	20[2]
SITE 3				
O_3	ppm	0.006	0.061	0.033
CO	ppm	0.000	0.659	0.550
NO	ppm	0.000	0.005	0.002
NO_x	ppm	0.000	0.010	0.002
CH_4	ppm	1.305	1.549	1.424
THC	ppm	1.303	1.584	1.429
H_2S	ppm	0.001	0.008	0.003
SO_2	ppm	0.002	0.006	0.003
Particulates	μg/m^3	7	105	27[2]
SITE 4				
CH_4	ppm	1.283	1.515	1.401
THC	ppm	1.341	1.699	1.433
H_2S	ppm	0.002	0.045	0.005
SO_2	ppm	0.002	0.046	0.004
Particulates	g/m^3	11	58	22[2]

---

[1] Values presented are based upon hourly averages

[2] Geometric mean

Table 2.1-6. Air quality parameters, seasonal summary for Summer 1976, RBOSP.1/

Parameter	Units	Minimum	Maximum	Arithmetic Mean
		SITE 1		
O_3	ppm	0.017	0.056	0.035
CO	ppm	0.000	1.209	0.295
NO	ppm	0.000	0.237	0.028
NO_x	ppm	0.000	0.234	0.027
CH_4	ppm	1.057	1.485	1.351
THC	ppm	1.106	1.523	1.375
H_2S	ppm	0.000	0.047	0.002
SO_2	ppm	0.000	0.092	0.001
Particulates	$\mu g/m^3$	4	81	22 2/
		SITE 2		
CH_4	ppm	1.227	1.514	1.393
THC	ppm	1.178	1.630	1.424
H_2S	ppm	0.001	0.004	0.002
SO_2	ppm	0.000	0.004	0.000
Particulates	$\mu g/m^3$	10	57	22 2/
		SITE 3		
O_3	ppm	0.005	0.068	0.036
CO	ppm	0.000	1.302	0.424
NO	ppm	0.000	0.012	0.003
NO_x	ppm	0.000	0.016	0.003
CH_4	ppm	0.879	1.608	1.423
THC	ppm	0.842	1.667	1.434
H_2S	ppm	0.001	0.034	0.003
SO_2	ppm	0.002	0.049	0.004
Particulates	$\mu g/m^3$	5	105	27 2/
		SITE 4		
CH_4	ppm	1.111	1.546	1.413
THC	ppm	1.274	1.699	1.441
H_2S	ppm	0.001	0.045	0.003
SO_2	ppm	0.000	0.046	0.003
Particulates	g/m^3	11	173	32 2/

1/ Values presented are based upon hourly averages

2/ Geometric mean

2.1.1.3.2 Particulates

Table 2.1-7 gives the particulate concentration for the quarter for each site. The frequency of sampling at Sites 1 and 3 was increased during the Spring quarter to further define particulate concentrations. The large variation between samples and sites is expected. Considerable fugitive dust is more than likely due to wind and activities on the tract. For example, Site 3 is not far from the well-traveled road.

2.1.1.3.3 Particulate Size

Particle size data by concentration and particle size range are given in Table 2.1-8. These data show that a large portion of the particulate weight is made up of particles of 0 to 0.95 µm. The values indicated by <1 $\mu g/m^3$ are less than the estimated concentration measurable by the data collection technique.

2.1.1.3.4 Particle Composition

The results of particle trace element analysis on a particulate sample taken over one 24 hour period during the quarter are presented in Table 2.1-9.

Table 2.1-7. Particulate concentration data for Summer 1976; values are presented in μg/m^3, RBOSP.

Month	Day	Year	Site 1	Site 2	Site 3	Site 4
June	1	1976	17[1/]		19[1/]	
	3		23	25	32	173
	5		49		44	
	6			35		122
	7		19[1/]		22[1/]	
	9		33	28	36	160
	11		61		59	
	12			10		40
	13		7[1/]		11[1/]	
	15		6	10	7	15
	17		7		5	
	18			11		14
	19		4[1/]		5[1/]	
	21		20	22	28	164
	23		15		16	
	24			20		21
	25		23[1/]		17[1/]	
	27		21	26	30	32
	29		34		37	
	30			41		87
July	1		17[1/]		24[1/]	
	3		67	30	27	53
	5		24		43	
	6			38		47
	7		19[1/]		35[1/]	
	9		35	37	81	48
	11		33		46	
	12			48		33
	13		11[1/]		26[1/]	
	15		50	25	93	19
	17		42		75	
	18			17		13
	19		5[5/]		12[1/]	
	21		81	15	27	14
	23		38		70	
	24			26		33
	25		17[1/]		35[1/]	
	27		26	21	29	17
	29		31		47	
	30			27		27
	31		19[1/]		20[1/]	

Table 2.1-7. Particulate concentration data for Summer 1976; values are presented in μg/m^3, RBOSP. (Cont.)

Month	Day	Year	Site 1	Site 2	Site 3	Site 4
August	2	1976	54	10	15	11
	4		24		29	
	5			16		28
	6		17[1/]		21[1/]	
	8		33	52	33	31
	10		31		28	
	11			21		22
	12		7[1/]		7[1/]	
	14		23	21	29	30
	16		23		36	
	17			14		22
	18		7[1/]		18[1/]	
	20		21	19	27	22
	22		30		105	
	23			14		13
	24		15[1/]		26[1/]	
	26		39	57	41	58
	28		15		27	
	29			17		15
	30		35[1/]		31[1/]	

[1/] Total particulate concentration from the particulate sizing measurement.

Table 2.1-8. Particulate concentration by equivalent aerodynamic diameter[1/] at Site 1 for Summer 1976, RBOSP.

Size Range (microns)	6/1	6/7	6/13	6/19	6/25	7/1	7/7	7/13	7/19	7/25	7/31	8/6	8/12	8/18	8/24	8/30
7.2 - ∞	1	1	<1	<1	1	1	<1	1	<1	1	2	<1	1	<1	1	3
3.0 - 7.2	2	1	<1	<1	1	2	1	1	1	2	2	<1	1	1	2	3
1.5 - 3.0	1	1	<1	<1	1	1	<1	1	<1	<1	1	<1	<1	1	1	2
0.95 - 1.5	1	<1	<1	<1	1	1	1	<1	<1	1	1	<1	<1	<1	<1	2
0.0 - 0.95	12	16	7	4	19	12	17	8[2/]	4	13	13	17	5	5	11	25

[1/] "Equivalent Aerodynamic Diameter" is defined as the size of a spherical particle of density 1 gm/cc, which has the same terminal settling velocity as the sampled particle.

[2/] Corner missing on filter, approximate weight only.

Table 2.1-9. High volume filter, analytical trace element results for Summer 1976, RBOSP. 1/

Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)
Uranium	<0.05	Terbium	<0.03	Ruthenium	<0.03	Vanadium	2.0
Thorium	<0.06	Gadolinium	<0.03	Molybdenum	0.24	Titanium	130
Bismuth	0.08	Europium	<0.03	Niobium	0.36	Scandium	<0.03
Lead	8.7	Samarium	<0.13	Zirconium	0.47	Calcium	620
Thallium	<0.05	Neodymium	1.0	Yttrium	0.64	Potassium	550
Mercury	<0.027	Praseodymium	0.21	Strontium	4.6	Chlorine	5.0
Gold	<0.03	Cerium	0.87	Rubidium	1.7	Sulphur	20
Platinum	<0.03	Lanthanium	0.78	Bromine	1.8	Phosphorus	49
Iridium	<0.03	Barium	13	Selenium	0.10	Silicon	870
Osmium	<0.03	Cesium	0.34	Arsenic	1.3	Aluminum	≈2100
Rhenium	Internal Standard						
		Iodine	0.08	Germanium	<0.03	Magnesium	81
Tungsten	0.09	Tellurium	<0.03	Gallium	0.14	Sodium	36
Tantalum	0.12	Antimony	0.04	Zinc	5.0	Fluorine	19
Hafnium	<0.17	Tin	0.76	Copper	16	Oxygen	NR
		Indium	Internal Standard				
Lutecium	<0.03			Nickel	4.0	Nitrogen	NR
Ytterbium	<0.13	Cadmium	0.06	Cobalt	0.48	Carbon	NR
Thullium	<0.03	Silver	0.11	Iron	250	Boron	NR
Erbium	<0.03	Palladium	<0.03	Manganese	6.6	Beryllium	<0.03
Holmium	<0.03	Rhodium	<0.03	Chromium	0.82	Lithium	0.16
Dysprosium	<0.04						

1/ Samples are collected on cellulose filters and analyzed by spark source mass spectrometry.

NR - Not Reported

2.1 AIR QUALITY DATA
(APPENDIX A)

APPENDIX A
2.1 AIR QUALITY DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
SUMMER 1976

Prepared for

The Rio Blanco Oil Shale Project

By

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Denver, Colorado 80237

2.1 AIR QUALITY DATA

APPENDIX A

AIR QUALITY DATA
SUMMER 1976

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SECTION A.1

AIR QUALITY DATA LISTINGS
SUMMER 1976

Section		Page
A.1.1	Air Quality Listing for Site 1	A.1.1-1 to A.1.1-92
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A.1.4	Air Quality Listing for Site 4	A.1.4-1 to A.1.4-92

A.1.1

AIR QUALITY DATA FOR SITE 1
1 JUNE 1976 THROUGH 31 AUGUST 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

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                       RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                  AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX    NO       CO     O3
++ ++ ++ ++     +-----------------------------------------------------------+

 0  1  6 76    0.002   0.001    1.215   1.225    0.028  0.028    0.463  0.048

 1  1  6 76    0.002   0.001    1.213   1.225    0.025  0.025    0.415  0.049

 2  1  6 76    0.001   0.001    1.210   1.222    0.026  0.027    0.398  0.050

 3  1  6 76    0.001   0.001    1.208   1.220    0.025  0.026    0.386  0.050

 4  1  6 76    0.001   0.001    1.205   1.220    0.026  0.026    0.389  0.050

 5  1  6 76    0.001   0.001    1.206   1.219    0.024  0.025    0.396  0.050

 6  1  6 76    0.001   0.001    1.219   1.219    0.025  0.025    0.379  0.044

 7  1  6 76    0.001   0.001    1.215   1.219    0.025  0.026    0.355  0.044

 8  1  6 76    0.001   0.001    1.202   1.214    0.026  0.027    0.364  0.043

 9  1  6 76    0.001   0.001    1.181   1.210    0.025  0.025    0.374  0.050

10  1  6 76    0.001   0.001    1.167   1.206    0.026  0.026    0.362  0.052

11  1  6 76    0.001   0.001    1.157   1.201    0.026  0.027    0.373  0.056

12  1  6 76    0.002   0.001    1.152   1.197    0.025  0.026    0.401  0.055

13  1  6 76    0.001   0.001    1.154   1.199    0.028  0.029    0.411  0.054

14  1  6 76    0.001   0.001    1.149   1.194    0.029  0.029    0.418  0.053

15  1  6 76    0.002   0.001    1.124   1.170    0.030  0.030    0.377  0.051

16  1  6 76    0.002   0.001    1.111   1.159    0.031  0.031    0.376  0.051

17  1  6 76    0.002   0.001    1.106   1.157    0.030  0.031    0.374  0.050

18  1  6 76    0.002   0.001    1.118   1.158    0.030  0.030    0.379  0.050

19  1  6 76    0.002   0.001    1.139   1.175    0.029  0.029    0.372  0.049

20  1  6 76    0.002   0.001    1.179   1.191    0.027  0.028    0.419  0.047

21  1  6 76    0.002   0.001    1.191   1.167    0.026  0.027    0.416  0.046

22  1  6 76    0.002   0.001    1.187   1.147    0.018  0.019    0.415  0.046

23  1  6 76    0.002   0.001    1.188   1.144    0.015  0.016    0.386  0.045
```

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	6	76	0.002	0.001	1.187	1.137	0.018	0.018	0.373	0.045
1	2	6	76	0.002	0.001	1.184	1.133	0.020	0.020	0.425	0.044
2	2	6	76	0.002	0.001	1.186	1.132	0.019	0.020	0.441	0.045
3	2	6	76	0.002	0.001	1.181	1.124	0.018	0.019	0.422	0.045
4	2	6	76	0.002	0.001	1.183	1.119	0.016	0.016	0.447	0.045
5	2	6	76	0.002	0.001	1.187	1.119	0.015	0.015	0.424	0.045
6	2	6	76	0.002	0.001	1.197	1.125	0.014	0.015	0.416	0.043
7	2	6	76	0.002	0.001	1.222	1.138	0.014	0.014	0.408	0.040
8	2	6	76	0.002	0.001	1.214	1.158	0.015	0.015	0.442	0.042
9	2	6	76	0.002	0.001	1.205	1.167	0.012	0.012	0.480	0.045
10	2	6	76	0.002	0.001	1.200	1.176	0.011	0.011	0.502	0.047
11	2	6	76	0.002	0.001	1.197	1.180	0.012	0.012	0.499	0.046
12	2	6	76	0.002	0.001	1.180	1.180	0.012	0.012	0.536	0.045
13	2	6	76	0.002	0.001	99.000	99.000	0.012	0.012	0.468	99.000
14	2	6	76	0.002	0.001	99.000	99.000	0.013	0.013	0.426	99.000
15	2	6	76	0.002	0.001	99.000	99.000	0.014	0.014	0.512	99.000
16	2	6	76	0.002	0.001	1.345	1.323	0.015	0.015	1.209	0.035
17	2	6	76	0.002	0.001	1.419	1.358	0.014	0.014	0.598	0.043
18	2	6	76	0.002	0.001	1.414	1.304	0.012	0.012	0.171	0.043
19	2	6	76	0.002	0.001	1.390	1.256	0.012	0.013	0.106	0.041
20	2	6	76	0.002	0.001	1.360	1.211	0.013	0.013	0.109	0.039
21	2	6	76	0.002	0.001	1.341	1.181	0.011	0.011	0.074	0.039
22	2	6	76	0.002	0.001	1.330	1.160	0.010	0.010	0.088	0.038
23	2	6	76	0.002	0.001	1.325	1.172	0.009	0.010	0.064	0.038

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	6	76	0.002	0.001	1.324	1.169	0.009	0.010	0.074	0.037
1	3	6	76	0.002	0.001	1.356	1.201	0.010	0.010	0.061	0.039
2	3	6	76	0.002	0.001	1.343	1.188	0.010	0.010	0.061	0.038
3	3	6	76	0.002	0.001	1.343	1.188	0.010	0.010	0.070	0.037
4	3	6	76	0.002	0.001	1.342	1.185	0.010	0.010	0.064	0.037
5	3	6	76	0.002	0.001	1.349	1.195	0.009	0.010	0.060	0.038
6	3	6	76	0.002	0.001	1.352	1.200	0.012	0.012	0.057	0.035
7	3	6	76	0.002	0.001	1.377	1.216	0.015	0.015	0.098	0.034
8	3	6	76	0.002	0.001	1.407	1.247	0.017	0.018	0.140	0.034
9	3	6	76	0.002	0.001	1.408	1.273	0.015	0.015	0.116	0.038
10	3	6	76	0.002	0.001	1.423	1.299	0.016	0.016	0.117	0.039
11	3	6	76	0.002	0.001	1.419	1.303	0.016	0.017	0.106	0.039
12	3	6	76	0.002	0.001	1.422	1.309	0.015	0.015	0.186	0.039
13	3	6	76	0.002	0.001	1.426	1.313	0.015	0.015	0.185	0.042
14	3	6	76	0.001	0.001	1.424	1.307	0.014	0.015	0.158	0.041
15	3	6	76	0.002	0.001	1.424	1.283	0.014	0.014	0.133	0.041
16	3	6	76	0.001	0.001	1.392	1.247	0.013	0.013	0.068	0.040
17	3	6	76	0.002	0.001	1.373	1.227	0.012	0.013	0.074	0.041
18	3	6	76	0.002	0.001	1.377	1.226	0.011	0.012	0.053	0.042
19	3	6	76	0.001	0.001	1.379	1.227	0.011	0.011	0.054	0.042
20	3	6	76	0.002	0.001	1.339	1.180	0.011	0.012	0.051	0.041
21	3	6	76	0.002	0.001	1.324	1.161	0.011	0.011	0.055	0.039
22	3	6	76	0.002	0.001	1.318	1.159	0.010	0.011	0.052	0.037
23	3	6	76	0.002	0.001	1.319	1.154	0.010	0.010	0.085	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	6	76	0.002	0.001	1.313	1.158	0.009	0.010	0.084	0.035
1	4	6	76	0.002	0.001	1.316	1.162	0.009	0.009	0.110	0.035
2	4	6	76	0.002	0.001	1.312	1.157	0.009	0.010	0.111	0.034
3	4	6	76	0.002	0.001	1.312	1.155	0.009	0.009	0.129	0.035
4	4	6	76	0.002	0.001	1.315	1.163	0.009	0.010	0.110	0.035
5	4	6	76	0.002	0.001	1.318	1.164	0.009	0.010	0.137	0.034
6	4	6	76	0.002	0.001	1.327	1.172	0.011	0.011	0.144	0.034
7	4	6	76	0.002	0.001	1.345	1.185	0.012	0.013	0.131	0.033
8	4	6	76	0.002	0.001	1.363	1.218	0.012	0.012	0.165	0.033
9	4	6	76	0.002	0.001	1.371	1.229	0.012	0.012	0.163	0.033
10	4	6	76	0.002	0.001	1.374	1.233	0.012	0.012	0.173	0.03[illegible]
11	4	6	76	0.002	0.001	1.385	1.247	0.012	0.012	0.185	0.035
12	4	6	76	0.002	0.001	1.396	1.261	0.011	0.011	0.240	0.036
13	4	6	76	0.002	0.001	1.397	1.263	0.011	0.011	0.227	0.036
14	4	6	76	0.002	0.001	1.396	1.263	0.010	0.011	0.230	0.037
15	4	6	76	0.002	0.001	1.410	1.283	0.011	0.011	0.209	0.038
16	4	6	76	0.002	0.001	1.415	1.299	0.010	0.011	0.182	0.040
17	4	6	76	0.002	0.001	1.402	1.271	0.010	0.010	0.219	0.040
18	4	6	76	0.002	0.001	1.365	1.226	0.009	0.009	0.207	0.038
19	4	6	76	0.002	0.001	1.357	1.215	0.009	0.009	0.201	0.036
20	4	6	76	0.002	0.001	1.315	1.164	0.009	0.009	0.201	0.035
21	4	6	76	0.002	0.001	1.287	1.125	0.008	0.009	0.195	0.036
22	4	6	76	0.002	0.001	1.288	1.127	0.008	0.009	0.297	0.036
23	4	6	76	0.002	0.001	1.284	1.120	0.008	0.009	0.302	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	6	76	0.002	0.001	1.279	1.116	0.009	0.010	0.320	0.036
1	5	6	76	0.002	0.001	1.275	1.117	0.009	0.009	0.253	0.036
2	5	6	76	0.002	0.001	1.277	1.116	0.008	0.009	0.262	0.035
3	5	6	76	0.002	0.001	1.290	1.121	0.008	0.009	0.245	0.034
4	5	6	76	0.002	0.001	1.274	1.114	0.008	0.009	0.217	0.034
5	5	6	76	0.002	0.001	1.278	1.118	0.008	0.009	0.289	0.033
6	5	6	76	0.002	0.001	1.283	1.121	0.009	0.010	0.217	0.032
7	5	6	76	0.002	0.001	1.311	1.136	0.010	0.010	0.196	0.030
8	5	6	76	0.002	0.001	1.344	1.170	0.011	0.011	0.247	0.029
9	5	6	76	0.002	0.001	1.380	1.208	0.011	0.011	0.275	0.031
10	5	6	76	0.002	0.001	1.389	1.247	0.012	0.012	0.251	0.034
11	5	6	76	0.002	0.001	1.394	1.266	0.012	0.012	0.261	0.035
12	5	6	76	0.002	0.001	1.401	1.278	0.013	0.013	0.224	0.035
13	5	6	76	0.002	0.001	1.400	1.279	0.013	0.013	0.191	0.034
14	5	6	76	0.002	0.001	1.406	1.284	0.012	0.012	0.283	0.035
15	5	6	76	0.002	0.001	1.408	1.294	0.012	0.012	0.312	0.034
16	5	6	76	0.002	0.001	1.415	1.304	0.012	0.012	0.326	0.034
17	5	6	76	0.002	0.001	1.421	1.309	0.012	0.012	0.352	0.035
18	5	6	76	0.002	0.001	1.418	1.301	0.011	0.012	0.334	0.035
19	5	6	76	0.002	0.001	1.398	1.269	0.011	0.012	0.306	0.034
20	5	6	76	0.002	0.001	1.336	1.183	0.010	0.010	0.343	0.035
21	5	6	76	0.002	0.001	1.294	1.134	0.009	0.009	0.331	0.036
22	5	6	76	0.002	0.001	1.280	1.112	0.008	0.009	0.323	0.036
23	5	6	76	0.002	0.001	1.270	1.105	0.008	0.009	0.337	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	6	76	0.002	0.001	1.269	1.104	0.008	0.009	0.333	0.036
1	6	6	76	0.002	0.001	1.266	1.097	0.008	0.008	0.400	0.036
2	6	6	76	0.002	0.001	1.270	1.093	0.008	0.008	0.405	0.035
3	6	6	76	0.002	0.001	1.259	1.089	0.008	0.009	0.389	0.035
4	6	6	76	0.002	0.001	1.260	1.088	0.009	0.009	0.382	0.034
5	6	6	76	0.002	0.001	1.278	1.096	0.009	0.009	0.409	0.034
6	6	6	76	0.002	0.001	1.288	1.107	0.010	0.010	0.369	0.031
7	6	6	76	0.002	0.001	1.331	1.144	0.012	0.012	0.351	0.029
8	6	6	76	0.002	0.001	1.352	1.182	0.014	0.014	0.228	0.034
9	6	6	76	0.002	0.001	1.351	1.190	0.014	0.015	0.211	0.034
10	6	6	76	0.002	0.001	1.348	1.184	0.014	0.014	0.189	0.035
11	6	6	76	0.002	0.001	1.353	1.195	0.014	0.014	0.204	0.036
12	6	6	76	0.002	0.001	1.377	1.226	0.013	0.014	0.209	0.038
13	6	6	76	0.002	0.001	1.381	1.231	0.013	0.014	0.208	0.038
14	6	6	76	0.002	0.001	1.385	1.235	0.013	0.014	0.188	0.038
15	6	6	76	0.002	0.001	1.434	1.292	0.014	0.015	0.273	0.037
16	6	6	76	0.002	0.001	1.455	1.316	0.013	0.013	0.257	0.036
17	6	6	76	0.002	0.001	1.435	1.291	0.012	0.012	0.239	0.036
18	6	6	76	0.002	0.001	1.397	1.243	0.011	0.012	0.196	0.035
19	6	6	76	0.002	0.001	1.394	1.237	0.012	0.012	0.205	0.035
20	6	6	76	0.002	0.001	1.356	1.193	0.012	0.013	0.195	0.035
21	6	6	76	0.002	0.001	1.342	1.169	0.012	0.012	0.162	0.034
22	6	6	76	0.002	0.001	1.362	1.170	0.012	0.013	0.132	0.033
23	6	6	76	0.002	0.001	1.343	1.171	0.012	0.013	0.151	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	6	76	0.002	0.001	1.343	1.169	0.012	0.013	0.085	0.030
1	7	6	76	0.002	0.001	1.352	1.173	0.013	0.013	0.069	0.033
2	7	6	76	0.002	0.001	1.350	1.176	0.012	0.012	0.060	0.035
3	7	6	76	0.002	0.001	1.351	1.175	0.012	0.013	0.063	0.035
4	7	6	76	0.002	0.001	1.343	1.169	0.012	0.012	0.082	0.035
5	7	6	76	0.002	0.001	1.336	1.173	0.012	0.012	0.069	0.033
6	7	6	76	0.002	0.001	1.354	1.188	0.013	0.013	0.056	0.030
7	7	6	76	0.002	0.001	1.384	1.211	0.012	0.013	0.056	0.032
8	7	6	76	0.002	0.001	1.416	1.243	0.012	0.012	0.041	0.030
9	7	6	76	0.002	0.001	1.424	1.268	0.012	0.013	0.035	0.032
10	7	6	76	0.002	0.001	1.445	1.291	0.014	0.014	0.050	0.035
11	7	6	76	0.002	0.001	1.455	1.330	0.016	0.015	0.061	0.037
12	7	6	76	99.000	99.000	1.453	1.370	0.018	0.017	0.117	0.038
13	7	6	76	99.000	99.000	1.446	1.361	0.018	0.018	0.276	0.039
14	7	6	76	99.000	99.000	1.434	1.329	0.015	0.015	0.201	0.036
15	7	6	76	99.000	99.000	1.403	1.274	0.013	0.013	0.202	0.034
16	7	6	76	99.000	99.000	1.395	1.263	0.013	0.013	0.224	0.034
17	7	6	76	99.000	99.000	1.396	1.255	0.014	0.013	0.207	0.036
18	7	6	76	99.000	99.000	1.388	1.241	0.013	0.013	0.194	0.036
19	7	6	76	99.000	99.000	1.396	1.252	0.014	0.013	0.138	0.035
20	7	6	76	99.000	99.000	1.378	1.230	0.014	0.014	0.127	0.035
21	7	6	76	99.000	99.000	1.349	1.196	0.012	0.012	0.125	0.036
22	7	6	76	99.000	99.000	1.325	1.169	0.009	0.010	0.144	0.036
23	7	6	76	99.000	99.000	1.310	1.140	0.008	0.009	0.143	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	6	76	99.000	99.000	1.299	1.133	0.008	0.009	0.147	0.037
1	8	6	76	99.000	99.000	1.308	1.143	0.009	0.009	0.166	0.037
2	8	6	76	99.000	99.000	1.312	1.147	0.008	0.009	0.177	0.038
3	8	6	76	99.000	99.000	1.323	1.138	0.009	0.009	0.167	0.035
4	8	6	76	99.000	99.000	1.307	1.140	0.009	0.009	0.135	0.036
5	8	6	76	99.000	99.000	1.307	1.139	0.009	0.010	0.155	0.036
6	8	6	76	99.000	99.000	1.321	1.149	0.010	0.010	0.184	0.034
7	8	6	76	99.000	99.000	1.344	1.176	0.011	0.011	0.090	0.034
8	8	6	76	99.000	99.000	1.393	1.241	0.013	0.013	0.090	0.036
9	8	6	76	99.000	99.000	1.418	1.286	0.015	0.015	0.081	0.037
10	8	6	76	99.000	99.000	1.442	1.331	0.017	0.017	0.137	0.037
11	8	6	76	99.000	99.000	1.435	1.311	0.016	0.015	0.187	0.039
12	8	6	76	99.000	99.000	1.424	1.290	0.015	0.015	0.203	0.039
13	8	6	76	99.000	99.000	1.454	1.337	0.015	0.015	0.232	0.040
14	8	6	76	99.000	99.000	1.471	1.362	0.017	0.017	0.238	0.041
15	8	6	76	99.000	99.000	1.466	1.378	0.019	0.019	0.315	0.040
16	8	6	76	99.000	99.000	1.441	1.324	0.016	0.016	0.232	0.038
17	8	6	76	99.000	99.000	1.411	1.275	0.015	0.014	0.240	0.038
18	8	6	76	99.000	99.000	1.400	1.254	0.015	0.015	0.168	0.037
19	8	6	76	99.000	99.000	1.383	1.222	0.015	0.015	0.185	0.035
20	8	6	76	99.000	99.000	1.360	1.196	0.013	0.013	0.188	0.035
21	8	6	76	99.000	99.000	1.346	1.182	0.011	0.012	0.235	0.036
22	8	6	76	99.000	99.000	1.286	1.106	0.011	0.011	0.120	0.037
23	8	6	76	0.011	0.013	1.244	1.076	0.009	0.010	0.019	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	6	76	0.002	0.002	1.226	1.060	0.010	0.010	0.000	0.035
1	9	6	76	0.000	0.001	1.230	1.064	0.011	0.011	0.000	0.035
2	9	6	76	0.000	0.001	1.232	1.063	0.011	0.011	0.000	0.034
3	9	6	76	0.000	0.001	1.248	1.084	0.011	0.011	0.007	0.033
4	9	6	76	0.000	0.001	1.240	1.079	0.010	0.010	0.025	0.032
5	9	6	76	0.000	0.001	1.240	1.079	0.009	0.009	0.051	0.032
6	9	6	76	0.000	0.001	1.240	1.082	0.009	0.009	0.052	0.031
7	9	6	76	0.000	0.001	1.264	1.102	0.010	0.010	0.040	0.030
8	9	6	76	0.000	0.001	1.297	1.138	0.009	0.009	0.053	0.029
9	9	6	76	0.000	0.001	1.324	1.171	0.008	0.008	0.121	0.029
10	9	6	76	0.000	0.001	1.334	1.187	0.008	0.008	0.188	0.029
11	9	6	76	0.000	0.001	1.339	1.192	0.007	0.008	0.144	0.029
12	9	6	76	0.000	0.001	1.340	1.193	0.007	0.007	0.230	0.029
13	9	6	76	0.000	0.001	1.348	1.207	0.007	0.007	0.235	0.029
14	9	6	76	0.000	0.001	1.355	1.216	0.007	0.007	0.199	0.029
15	9	6	76	0.000	0.001	1.361	1.219	0.007	0.007	0.198	0.028
16	9	6	76	0.000	0.001	1.341	1.193	0.006	0.006	0.182	0.028
17	9	6	76	0.000	0.001	1.322	1.174	0.005	0.006	0.141	0.028
18	9	6	76	0.000	0.001	1.300	1.147	0.004	0.005	0.125	0.027
19	9	6	76	0.000	0.001	1.276	1.119	0.004	0.004	0.125	0.026
20	9	6	76	0.000	0.001	1.249	1.089	0.004	0.004	0.183	0.025
21	9	6	76	0.000	0.001	1.229	1.068	0.003	0.003	0.145	0.024
22	9	6	76	0.000	0.001	1.231	1.066	0.003	0.003	0.145	0.025
23	9	6	76	0.000	0.001	1.231	1.068	0.003	0.003	0.190	0.025

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	6	76	0.000	0.001	1.233	1.068	0.003	0.003	0.213	0.025
1	10	6	76	0.000	0.001	1.229	1.065	0.003	0.003	0.246	0.026
2	10	6	76	0.000	0.001	1.231	1.069	0.003	0.003	0.236	0.026
3	10	6	76	0.000	0.001	1.232	1.069	0.003	0.004	0.212	0.025
4	10	6	76	0.000	0.001	1.233	1.074	0.004	0.004	0.257	0.025
5	10	6	76	0.000	0.001	1.247	1.087	0.004	0.004	0.257	0.026
6	10	6	76	0.000	0.001	1.255	1.093	0.004	0.005	0.243	0.026
7	10	6	76	0.000	0.001	1.274	1.109	0.004	0.004	0.208	0.025
8	10	6	76	0.000	0.001	1.290	1.129	0.004	0.005	0.250	0.025
9	10	6	76	0.000	0.001	1.296	1.137	0.004	0.004	0.282	0.025
10	10	6	76	0.000	0.001	1.298	1.142	0.004	0.004	0.236	0.026
11	10	6	76	0.000	0.001	1.308	1.155	0.004	0.004	0.286	0.029
12	10	6	76	0.000	0.001	1.313	1.161	0.003	0.004	0.351	0.028
13	10	6	76	0.000	0.001	1.315	1.167	0.004	0.004	0.303	0.027
14	10	6	76	0.000	0.001	1.321	1.175	0.004	0.004	0.300	0.029
15	10	6	76	0.000	0.001	1.326	1.178	0.005	0.005	0.348	0.030
16	10	6	76	0.000	0.001	1.321	1.171	0.004	0.004	0.373	0.028
17	10	6	76	0.000	0.001	1.296	1.144	0.002	0.002	0.453	0.028
18	10	6	76	0.000	0.001	1.284	1.130	0.002	0.002	0.284	0.027
19	10	6	76	0.000	0.001	1.258	1.100	0.001	0.001	0.309	0.026
20	10	6	76	0.000	0.001	1.234	1.072	0.000	0.000	0.312	0.027
21	10	6	76	0.000	0.001	1.228	1.064	0.000	0.000	0.274	0.029
22	10	6	76	0.000	0.001	1.223	1.057	0.000	0.000	0.267	0.029
23	10	6	76	0.000	0.001	1.223	1.057	0.000	0.000	0.281	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	6	76	0.000	0.001	1.228	1.060	0.000	0.000	0.304	0.031
1	11	6	76	0.000	0.001	1.231	1.070	0.000	0.000	0.234	0.031
2	11	6	76	0.000	0.001	1.232	1.067	0.000	0.001	0.221	0.032
3	11	6	76	0.000	0.000	1.234	1.067	0.000	0.000	0.216	0.034
4	11	6	76	0.000	0.001	1.234	1.069	0.000	0.000	0.211	0.032
5	11	6	76	0.000	0.000	1.238	1.072	0.000	0.000	0.206	0.032
6	11	6	76	0.000	0.001	1.248	1.078	0.001	0.000	0.215	0.034
7	11	6	76	0.000	0.001	1.262	1.093	0.000	0.000	0.221	0.033
8	11	6	76	0.000	0.001	1.278	1.113	0.000	0.000	0.260	0.035
9	11	6	76	0.000	0.000	1.296	1.130	0.000	0.000	0.294	0.036
10	11	6	76	0.000	0.001	1.303	1.139	0.000	0.000	0.302	0.037
11	11	6	76	0.000	0.001	1.312	1.147	0.001	0.001	0.297	0.040
12	11	6	76	99.000	99.000	1.415	1.153	0.001	0.000	0.329	0.041
13	11	6	76	99.000	99.000	99.000	99.000	0.000	0.000	0.385	0.042
14	11	6	76	0.000	0.011	1.348	1.185	0.000	0.000	0.334	0.042
15	11	6	76	0.000	0.002	1.323	1.161	0.000	0.000	0.277	0.040
16	11	6	76	0.000	0.001	1.283	1.111	0.001	0.000	0.265	0.038
17	11	6	76	0.000	0.001	1.280	1.109	0.001	0.000	0.304	0.038
18	11	6	76	0.000	0.001	1.263	1.090	0.001	0.001	0.260	0.037
19	11	6	76	0.000	0.001	1.300	1.124	0.003	0.003	0.212	0.034
20	11	6	76	0.000	0.001	1.301	1.127	0.004	0.004	0.130	0.034
21	11	6	76	0.000	0.001	1.296	1.128	0.004	0.004	0.125	0.033
22	11	6	76	0.000	0.001	1.280	1.109	0.004	0.004	0.093	0.034
23	11	6	76	0.000	0.001	1.283	1.115	0.004	0.004	0.086	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	6	76	0.000	0.001	1.293	1.114	0.004	0.004	0.077	0.029
1	12	6	76	0.000	0.001	1.297	1.126	0.004	0.004	0.115	0.030
2	12	6	76	0.000	0.001	1.298	1.123	0.003	0.003	0.140	0.030
3	12	6	76	0.000	0.001	1.280	1.108	0.003	0.002	0.163	0.030
4	12	6	76	0.000	0.001	1.276	1.103	0.002	0.002	0.167	0.031
5	12	6	76	0.000	0.001	1.271	1.099	0.002	0.002	0.176	0.032
6	12	6	76	0.000	0.001	1.270	1.097	0.002	0.002	0.168	0.032
7	12	6	76	0.000	0.001	1.285	1.118	0.002	0.002	0.177	0.034
8	12	6	76	0.000	0.001	1.313	1.149	0.002	0.002	0.168	0.034
9	12	6	76	0.000	0.001	1.332	1.170	0.002	0.002	0.208	0.035
10	12	6	76	0.000	0.001	1.344	1.184	0.002	0.002	0.175	0.036
11	12	6	76	0.000	0.001	1.341	1.183	0.001	0.001	0.250	0.039
12	12	6	76	0.000	0.001	1.336	1.177	0.001	0.001	0.285	0.040
13	12	6	76	0.000	0.001	1.312	1.143	0.000	0.000	0.247	0.038
14	12	6	76	0.000	0.001	1.282	1.115	0.000	0.000	0.275	0.038
15	12	6	76	0.000	0.001	1.258	1.089	0.000	0.000	0.215	0.037
16	12	6	76	0.000	0.001	1.262	1.091	0.001	0.001	0.214	0.038
17	12	6	76	0.000	0.001	1.254	1.079	0.001	0.001	0.239	0.037
18	12	6	76	0.000	0.001	1.251	1.075	0.001	0.001	0.231	0.036
19	12	6	76	0.000	0.001	1.242	1.069	0.001	0.001	0.269	0.035
20	12	6	76	0.000	0.001	1.234	1.060	0.000	0.001	0.232	0.034
21	12	6	76	0.000	0.001	1.253	1.082	0.001	0.001	0.205	0.035
22	12	6	76	0.000	0.001	1.282	1.114	0.001	0.001	0.208	0.035
23	12	6	76	0.000	0.001	1.339	1.178	0.001	0.001	0.209	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.168	0.031
1	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.139	0.033
2	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.173	0.033
3	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.159	0.033
4	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.160	0.035
5	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.199	0.034
6	13	6	76	0.000	0.001	99.000	99.000	0.001	0.001	0.153	0.032
7	13	6	76	0.000	0.001	99.000	99.000	0.002	0.002	0.157	0.032
8	13	6	76	0.000	0.001	99.000	99.000	0.002	0.002	0.142	0.033
9	13	6	76	0.000	0.001	99.000	99.000	0.002	0.002	0.184	0.036
10	13	6	76	0.000	0.001	1.425	1.409	0.001	0.001	0.198	0.041
11	13	6	76	0.000	0.001	1.424	1.417	0.001	0.001	0.306	0.043
12	13	6	76	0.000	0.001	1.421	1.418	0.001	0.001	0.300	0.045
13	13	6	76	0.000	0.001	1.421	1.417	0.001	0.001	0.288	0.044
14	13	6	76	0.000	0.001	1.417	1.413	0.001	0.001	0.264	0.042
15	13	6	76	0.000	0.001	1.422	1.419	0.001	0.001	0.186	0.040
16	13	6	76	0.000	0.001	1.418	1.418	0.000	0.000	0.121	0.038
17	13	6	76	0.000	0.001	1.423	1.426	0.002	0.001	0.077	0.034
18	13	6	76	0.000	0.001	1.404	1.412	0.003	0.002	0.121	0.032
19	13	6	76	0.000	0.001	1.398	1.411	0.002	0.002	0.130	0.028
20	13	6	76	0.000	0.001	1.421	1.424	0.001	0.001	0.193	0.033
21	13	6	76	0.000	0.001	1.444	1.439	0.000	0.001	0.171	0.037
22	13	6	76	0.000	0.001	1.443	1.440	0.000	0.001	0.209	0.037
23	13	6	76	0.000	0.001	1.442	1.441	0.000	0.000	0.163	0.039

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                        RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR      SO2      H2S      THC      CH4      NOX      NO       CO       O3
++ ++ ++ ++   +-------------------------------------------------------------------+

 0 14  6 76    0.000    0.001    1.439    1.440    0.000    0.000    0.222    0.039
 1 14  6 76    0.000    0.001    1.439    1.441    0.000    0.000    0.240    0.039
 2 14  6 76    0.000    0.001    1.442    1.447    0.000    0.000    0.263    0.040
 3 14  6 76    0.000    0.001    1.452    1.453    0.001    0.001    0.253    0.040
 4 14  6 76    0.000    0.001    1.449    1.450    0.001    0.001    0.282    0.038
 5 14  6 76    0.000    0.001    1.454    1.458    0.001    0.001    0.258    0.035
 6 14  6 76    0.000    0.001    1.456    1.455    0.001    0.001    0.203    0.034
 7 14  6 76    0.000    0.001    1.448    1.452    0.001    0.001    0.250    0.034
 8 14  6 76    0.000    0.001    1.448    1.448    0.001    0.001    0.204    0.034
 9 14  6 76    0.000    0.001    1.454    1.453    0.000    0.000    0.180    0.033
10 14  6 76    0.000    0.001    1.448    1.447    0.001    0.001    0.171    0.033
11 14  6 76    0.000    0.001    1.439    1.438    0.001    0.000    0.083    0.034
12 14  6 76    0.000    0.001    1.441    1.436    0.000    0.000    0.148    0.035
13 14  6 76    0.000    0.001    1.442    1.440    0.000    0.000    0.168    0.036
14 14  6 76    0.000    0.001    1.445    1.441    0.000    0.000    0.177    0.036
15 14  6 76    0.000    0.001    1.451    1.445    0.001    0.001    0.184    0.037
16 14  6 76    0.000    0.001    1.454    1.450    0.001    0.001    0.133    0.037
17 14  6 76    0.000    0.001    1.457    1.453    0.001    0.001    0.156    0.037
18 14  6 76    0.000    0.001    1.462    1.460    0.001    0.001    0.124    0.035
19 14  6 76    0.000    0.001    1.447    1.449    0.000    0.000    0.102    0.033
20 14  6 76    0.000    0.001    1.443    1.445    0.000    0.001    0.099    0.029
21 14  6 76    0.000    0.001    1.435    1.440    0.001    0.001    0.126    0.025
22 14  6 76    0.000    0.001    1.445    1.445    0.001    0.001    0.093    0.025
23 14  6 76    0.000    0.001    1.444    1.449    0.001    0.001    0.116    0.023
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	6	76	0.000	0.001	1.448	1.452	0.001	0.001	0.146	0.022
1	15	6	76	0.000	0.001	1.453	1.454	0.001	0.001	0.140	0.023
2	15	6	76	0.000	0.001	1.454	1.455	0.001	0.001	0.105	0.023
3	15	6	76	0.000	0.001	1.454	1.457	0.001	0.002	0.075	0.022
4	15	6	76	0.000	0.001	1.454	1.457	0.001	0.002	0.100	0.022
5	15	6	76	0.000	0.001	1.454	1.456	0.001	0.001	0.071	0.023
6	15	6	76	0.000	0.001	1.457	1.458	0.002	0.002	0.091	0.023
7	15	6	76	0.000	0.001	1.451	1.451	0.002	0.002	0.071	0.025
8	15	6	76	0.000	0.001	1.444	1.445	0.003	0.003	0.110	0.028
9	15	6	76	0.000	0.001	1.434	1.439	0.003	0.003	0.114	0.029
10	15	6	76	0.000	0.001	1.431	1.436	0.003	0.003	0.128	0.030
11	15	6	76	0.000	0.001	1.431	1.436	0.003	0.003	0.132	0.031
12	15	6	76	0.000	0.001	1.433	1.437	0.003	0.003	0.115	0.030
13	15	6	76	0.000	0.001	1.436	1.440	0.002	0.002	0.143	0.030
14	15	6	76	0.000	0.001	1.447	1.451	0.001	0.001	0.160	0.033
15	15	6	76	0.000	0.001	1.437	1.442	0.001	0.001	0.227	0.034
16	15	6	76	0.000	0.001	1.427	1.431	0.001	0.001	0.219	0.035
17	15	6	76	0.000	0.001	1.416	1.424	0.001	0.001	0.264	0.036
18	15	6	76	0.000	0.001	1.420	1.425	0.001	0.001	0.189	0.035
19	15	6	76	0.000	0.001	1.424	1.431	0.001	0.002	0.193	0.032
20	15	6	76	0.000	0.001	1.431	1.438	0.001	0.002	0.159	0.030
21	15	6	76	0.000	0.001	1.425	1.433	0.001	0.001	0.163	0.031
22	15	6	76	0.000	0.001	1.416	1.427	0.001	0.001	0.219	0.034
23	15	6	76	0.000	0.001	1.414	1.424	0.000	0.000	0.275	0.036

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                    RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                               AIR  QUALITY  DATA
R DY MO YR      SO2     H2S     THC     CH4      NOX     NO       CO      O3
+ ++ ++ ++   +--------------------------------------------------------------+

0 16  6 76    0.000   0.001   1.414   1.421    0.000   0.000    0.290   0.035
1 16  6 76    0.000   0.001   1.410   1.418    0.000   0.001    0.296   0.036
2 16  6 76    0.000   0.001   1.411   1.417    0.000   0.000    0.315   0.037
3 16  6 76    0.000   0.001   1.415   1.420    0.000   0.000    0.300   0.036
4 16  6 76    0.000   0.001   1.413   1.417    0.000   0.000    0.345   0.037
5 16  6 76    0.000   0.001   1.413   1.414    0.000   0.000    0.360   0.039
6 16  6 76    0.000   0.001   1.414   1.414    0.000   0.000    0.372   0.039
7 16  6 76    0.000   0.001   1.413   1.414    0.000   0.001    0.392   0.039
8 16  6 76    0.000   0.001   1.410   1.411    0.000   0.000    0.353   0.040
9 16  6 76    0.000   0.001   1.416   1.411    0.000   0.000    0.329   0.040
0 16  6 76    0.000   0.001   1.415   1.410    0.000   0.000    0.335   0.040
1 16  6 76    0.000   0.001   1.415   1.410    0.000   0.000    0.442   0.041
2 16  6 76    0.000   0.001   1.414   1.409    0.000   0.001    0.373   0.041
3 16  6 76    0.000   0.001   1.415   1.409    0.000   0.001    0.385   0.040
4 16  6 76    0.000   0.001   1.423   1.418    0.001   0.001    0.332   0.039
5 16  6 76    0.000   0.001   1.442   1.437    0.003   0.002    0.335   0.039
6 16  6 76    0.000   0.001   1.428   1.425    0.003   0.003    0.408   0.037
7 16  6 76    0.000   0.001   1.403   1.404    0.004   0.004    0.265   0.035
8 16  6 76    0.000   0.001   1.381   1.381    0.004   0.004    0.330   0.035
9 16  6 76    0.000   0.001   1.382   1.388    0.005   0.005    0.261   0.034
0 16  6 76    0.000   0.001   1.388   1.395    0.005   0.005    0.245   0.034
1 16  6 76    0.000   0.001   1.390   1.399    0.006   0.006    0.220   0.036
2 16  6 76    0.000   0.001   1.393   1.404    0.007   0.008    0.183   0.043
3 16  6 76    0.000   0.001   1.387   1.402    0.008   0.009    0.134   0.044
```

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	6	76	0.000	0.001	1.384	1.397	0.008	0.008	0.143	0.056
1	17	6	76	0.000	0.001	1.383	1.395	0.008	0.008	0.106	0.056
2	17	6	76	0.000	0.001	1.381	1.391	0.008	0.008	0.069	0.049
3	17	6	76	0.000	0.001	1.376	1.388	0.008	0.008	0.130	0.042
4	17	6	76	0.000	0.001	1.375	1.388	0.008	0.009	0.084	0.040
5	17	6	76	0.000	0.001	1.375	1.389	0.008	0.008	0.090	0.039
6	17	6	76	0.000	0.001	1.378	1.391	0.008	0.008	0.062	0.038
7	17	6	76	0.000	0.001	1.386	1.397	0.008	0.008	0.075	0.039
8	17	6	76	0.000	0.001	1.387	1.399	0.009	0.009	0.030	0.039
9	17	6	76	0.000	0.001	1.386	1.398	0.010	0.010	0.003	0.037
10	17	6	76	0.000	0.001	1.383	1.395	0.010	0.010	0.000	0.038
11	17	6	76	0.000	0.001	1.384	1.398	0.010	0.010	0.047	0.041
12	17	6	76	0.000	0.001	1.386	1.401	0.010	0.010	0.000	0.041
13	17	6	76	0.000	0.001	1.385	1.400	0.009	0.010	0.000	0.039
14	17	6	76	0.000	0.001	1.387	1.402	0.009	0.009	0.000	0.039
15	17	6	76	0.000	0.001	1.375	1.401	0.009	0.009	0.000	0.040
16	17	6	76	0.000	0.001	1.366	1.398	0.010	0.010	0.000	0.042
17	17	6	76	0.000	0.001	1.365	1.399	0.020	0.018	0.000	0.042
18	17	6	76	0.000	0.001	1.363	1.401	0.011	0.013	0.000	0.036
19	17	6	76	0.000	0.001	1.359	1.400	0.010	0.010	0.000	0.036
20	17	6	76	0.000	0.001	1.359	1.401	0.009	0.010	0.000	0.029
21	17	6	76	0.000	0.001	1.356	1.400	0.009	0.010	0.000	0.028
22	17	6	76	0.000	0.001	1.357	1.401	0.009	0.010	0.000	0.033
23	17	6	76	0.000	0.001	1.361	1.399	0.009	0.009	0.000	0.030

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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S       THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++     +-------------------------------------------------------------------+

 0 18  6 76    0.000   0.001    1.354   1.396    0.009   0.009    0.000   0.031

 1 18  6 76    0.000   0.001    1.351   1.395    0.009   0.009    0.007   0.029

 2 18  6 76    0.000   0.001   99.000  99.000    0.009   0.009    0.055   0.029

 3 18  6 76    0.000   0.001    1.452   1.399    0.008   0.009    0.086   0.030

 4 18  6 76    0.000   0.001    1.375   1.400    0.008   0.009    0.065   0.036

 5 18  6 76    0.000   0.001    1.372   1.406    0.008   0.008    0.053   0.036

 6 18  6 76    0.000   0.001    1.374   1.408    0.008   0.008    0.070   0.036

 7 18  6 76    0.000   0.001    1.374   1.406    0.008   0.008    0.093   0.038

 8 18  6 76    0.000   0.001    1.364   1.401    0.008   0.009    0.042   0.039

 9 18  6 76    0.000   0.001    1.363   1.400    0.009   0.009    0.092   0.039

10 18  6 76    0.000   0.001    1.355   1.400    0.009   0.009    0.160   0.038

11 18  6 76    0.000   0.001    1.369   1.402    0.008   0.008    0.169   0.038

12 18  6 76    0.000   0.001    1.380   1.405    0.007   0.008    0.201   0.039

13 18  6 76    0.000   0.001    1.371   1.402    0.006   0.007    0.241   0.041

14 18  6 76    0.000   0.001    1.377   1.407    0.006   0.006    0.277   0.041

15 18  6 76    0.000   0.001    1.373   1.405    0.005   0.006    0.247   0.041

16 18  6 76    0.000   0.001    1.372   1.407    0.005   0.006    0.268   0.041

17 18  6 76    0.000   0.001    1.371   1.409    0.005   0.005    0.262   0.042

18 18  6 76    0.000   0.001    1.373   1.404    0.006   0.006    0.276   0.038

19 18  6 76    0.000   0.001    1.373   1.404    0.007   0.008    0.178   0.035

20 18  6 76    0.000   0.001    1.371   1.409    0.008   0.008    0.159   0.031

21 18  6 76    0.000   0.001    1.377   1.413    0.009   0.009    0.128   0.028

22 18  6 76    0.000   0.001    1.360   1.410    0.009   0.009    0.114   0.028

23 18  6 76    0.000   0.001    1.351   1.407    0.009   0.010    0.133   0.027
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	19	6	76	0.000	0.001	1.362	1.411	0.009	0.009	0.123	0.028
1	19	6	76	0.000	0.001	1.375	1.424	0.009	0.009	0.177	0.030
2	19	6	76	0.000	0.001	1.376	1.422	0.009	0.009	0.144	0.031
3	19	6	76	0.000	0.001	1.356	1.406	0.008	0.008	0.173	0.034
4	19	6	76	0.000	0.001	1.363	1.402	0.008	0.008	0.170	0.034
5	19	6	76	0.000	0.001	1.372	1.404	0.008	0.008	0.171	0.033
6	19	6	76	0.000	0.001	1.375	1.410	0.008	0.009	0.142	0.031
7	19	6	76	0.000	0.001	1.374	1.409	0.010	0.010	0.131	0.033
8	19	6	76	0.000	0.001	1.378	1.407	0.009	0.010	0.152	0.033
9	19	6	76	0.000	0.001	1.376	1.405	0.009	0.009	0.174	0.034
10	19	6	76	0.000	0.001	1.387	1.405	0.008	0.008	0.238	0.043
11	19	6	76	0.000	0.001	1.377	1.400	0.007	0.007	0.236	0.045
12	19	6	76	0.000	0.001	1.373	1.394	0.006	0.006	0.268	0.045
13	19	6	76	0.000	0.001	1.387	1.399	0.006	0.007	0.297	0.044
14	19	6	76	0.000	0.001	1.371	1.391	0.007	0.007	0.245	0.043
15	19	6	76	0.000	0.001	1.351	1.374	0.008	0.008	0.228	0.044
16	19	6	76	0.000	0.001	1.330	1.360	0.008	0.008	0.219	0.043
17	19	6	76	0.000	0.001	1.351	1.357	0.009	0.009	0.232	0.043
18	19	6	76	0.001	0.001	1.331	1.341	0.010	0.010	0.187	0.038
19	19	6	76	0.001	0.001	1.321	1.331	0.012	0.012	0.154	0.034
20	19	6	76	0.001	0.001	1.317	1.321	0.012	0.012	0.173	0.034
21	19	6	76	0.000	0.001	1.346	1.346	0.008	0.008	0.205	0.035
22	19	6	76	0.000	0.001	1.387	1.375	0.006	0.006	0.279	0.036
23	19	6	76	0.000	0.001	1.388	1.381	0.005	0.005	0.212	0.036

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                     RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                               AIR  QUALITY  DATA
H DY MO YR        SO2      H2S      THC    CH4       NOX     NO        CO      O3
+ ++ ++ ++      +---------------------------------------------------------------+

0 20  6 76     0.000    0.001    1.388  1.380     0.005   0.005     0.211   0.036

1 20  6 76     0.000    0.001    1.382  1.375     0.005   0.005     0.224   0.034

2 20  6 76     0.000    0.001    1.374  1.372     0.004   0.005     0.258   0.035

3 20  6 76     0.000    0.001    1.363  1.367     0.004   0.005     0.270   0.036

4 20  6 76     0.000    0.001    1.357  1.365     0.005   0.005     0.295   0.036

5 20  6 76     0.000    0.001    1.374  1.369     0.005   0.005     0.269   0.035

6 20  6 76     0.000    0.001    1.370  1.369     0.005   0.005     0.272   0.036

7 20  6 76     0.000    0.001    1.371  1.368     0.006   0.007     0.163   0.032

8 20  6 76     0.000    0.001    1.352  1.358     0.010   0.010     0.007   0.030

9 20  6 76     0.000    0.001    1.332  1.338     0.012   0.011     0.058   0.035

0 20  6 76     0.000    0.001    1.330  1.324     0.013   0.012     0.065   0.039

1 20  6 76     0.001    0.001    1.523  1.310     0.015   0.014     0.089   0.042

2 20  6 76     0.001    0.001    1.390  1.314     0.015   0.014     0.150   0.043

3 20  6 76     0.001    0.001    1.335  1.332     0.013   0.012     0.244   0.043

4 20  6 76     0.001    0.001    1.342  1.341     0.012   0.012     0.217   0.042

5 20  6 76     0.001    0.001    1.327  1.336     0.012   0.011     0.188   0.042

6 20  6 76     0.001    0.001    1.322  1.330     0.012   0.011     0.189   0.041

7 20  6 76     0.001    0.001    1.312  1.324     0.010   0.010     0.246   0.042

8 20  6 76     0.001    0.001    1.319  1.329     0.009   0.009     0.278   0.041

9 20  6 76     0.000    0.001    1.332  1.332     0.008   0.008     0.255   0.039

0 20  6 76     0.000    0.001    1.341  1.337     0.007   0.007     0.281   0.038

1 20  6 76     0.000    0.001    1.343  1.346     0.006   0.006     0.285   0.038

2 20  6 76     0.000    0.001    1.336  1.346     0.006   0.006     0.263   0.038

3 20  6 76     0.000    0.001    1.337  1.346     0.005   0.006     0.221   0.038
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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-----------------------------------------------------------------+

 0 21  6 76    0.000   0.001    1.332   1.346    0.005   0.005    0.246   0.037

 1 21  6 76    0.000   0.001    1.343   1.354    0.005   0.005    0.211   0.035

 2 21  6 76    0.000   0.001    1.346   1.353    0.005   0.005    0.229   0.033

 3 21  6 76    0.000   0.001    1.345   1.349    0.004   0.005    0.186   0.034

 4 21  6 76    0.000   0.001    1.343   1.350    0.004   0.004    0.261   0.033

 5 21  6 76    0.000   0.001    1.344   1.349    0.004   0.004    0.292   0.033

 6 21  6 76    0.000   0.001    1.345   1.352    0.003   0.004    0.286   0.033

 7 21  6 76    0.000   0.001    1.347   1.353    0.004   0.005    0.284   0.033

 8 21  6 76    0.000   0.001    1.341   1.351    0.005   0.005    0.264   0.033

 9 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

10 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

11 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

12 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

13 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

14 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

15 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

16 21  6 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

17 21  6 76    0.000   0.002    1.223   1.308    0.008   0.007    0.170   0.038

18 21  6 76    0.000   0.002    1.228   1.307    0.008   0.007    0.209   0.038

19 21  6 76    0.013   0.002    1.230   1.308    0.008   0.007    0.192   0.039

20 21  6 76    0.002   0.002    1.262   1.324    0.007   0.007    0.219   0.037

21 21  6 76    0.000   0.002    1.275   1.334    0.007   0.007    0.172   0.035

22 21  6 76    0.000   0.002    1.286   1.342    0.009   0.009    0.148   0.031

23 21  6 76    0.038   0.002    1.288   1.343    0.011   0.011    0.085   0.030
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	6	76	0.017	0.002	1.283	1.339	0.011	0.012	0.033	0.029
1	22	6	76	0.002	0.002	1.288	1.338	0.012	0.013	0.030	0.019
2	22	6	76	0.011	0.008	1.274	1.332	0.013	0.013	0.029	0.029
3	22	6	76	0.002	0.003	1.268	1.330	0.014	0.014	0.022	0.030
4	22	6	76	0.004	0.006	1.264	1.331	0.017	0.017	0.000	0.032
5	22	6	76	0.002	0.004	1.252	1.325	0.018	0.019	0.000	0.032
6	22	6	76	0.001	0.003	1.247	1.325	0.022	0.022	0.000	0.032
7	22	6	76	0.000	0.002	1.241	1.321	0.025	0.025	0.000	0.029
8	22	6	76	0.002	0.002	1.241	1.319	0.030	0.030	0.000	0.029
9	22	6	76	0.020	0.002	1.232	1.319	0.038	0.039	0.000	0.030
10	22	6	76	0.025	0.009	1.225	1.317	0.044	0.045	0.000	0.031
11	22	6	76	0.019	0.003	1.231	1.319	0.050	0.051	0.000	0.031
12	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
14	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	22	6	76	0.001	0.002	1.253	1.344	0.107	0.111	0.000	0.037
19	22	6	76	0.000	0.002	1.234	1.328	0.048	0.049	0.009	0.039
20	22	6	76	0.000	0.002	1.241	1.328	0.110	0.111	0.000	0.037
21	22	6	76	0.000	0.002	1.229	1.322	0.129	0.131	0.000	0.034
22	22	6	76	0.000	0.002	1.237	1.328	0.130	0.132	0.000	0.036
23	22	6	76	0.001	0.002	1.240	1.329	0.132	0.134	0.000	0.034

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                       RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                  AIR   QUALITY   DATA
HR DY MO YR       SO2      H2S       THC     CH4       NOX     NO        CO       O3
++ ++ ++ ++     +-----------------------------------------------------------------------+

 0 23  6 76     0.000    0.002     1.231   1.326     0.131   0.133     0.000    0.032

 1 23  6 76     0.000    0.002     1.230   1.330     0.129   0.131     0.000    0.037

 2 23  6 76     0.000    0.002     1.231   1.332     0.129   0.131     0.000    0.032

 3 23  6 76     0.000    0.002     1.237   1.339     0.129   0.131     0.000    0.028

 4 23  6 76     0.000    0.002     1.238   1.343     0.131   0.133     0.000    0.027

 5 23  6 76     0.000    0.002     1.242   1.343     0.135   0.137     0.000    0.027

 6 23  6 76     0.000    0.002     1.237   1.340     0.143   0.145     0.000    0.025

 7 23  6 76     0.000    0.002     1.240   1.345     0.144   0.146     0.000    0.032

 8 23  6 76     0.030    0.011     1.244   1.346     0.145   0.148     0.000    0.036

 9 23  6 76     0.004    0.003     1.251   1.350     0.147   0.150     0.033    0.037

10 23  6 76     0.022    0.002     1.259   1.356    99.000  99.000     0.032    0.037

11 23  6 76    99.000   99.000    99.000  99.000    99.000  99.000    99.000   99.000

12 23  6 76    99.000   99.000    99.000  99.000    99.000  99.000    99.000   99.000

13 23  6 76     0.001    0.001     1.269   1.350    99.000  99.000     0.157    0.040

14 23  6 76     0.001    0.004     1.278   1.351    99.000  99.000     0.152    0.042

15 23  6 76     0.001    0.002     1.283   1.353    99.000  99.000     0.181    0.043

16 23  6 76     0.028    0.002     1.280   1.354    99.000  99.000     0.156    0.044

17 23  6 76     0.004    0.002     1.284   1.353    99.000  99.000     0.167    0.044

18 23  6 76     0.001    0.002     1.299   1.364    99.000  99.000     0.049    0.039

19 23  6 76     0.000    0.002     1.289   1.359    99.000  99.000     0.060    0.040

20 23  6 76     0.007    0.002     1.285   1.356    99.000  99.000     0.068    0.033

21 23  6 76     0.001    0.002     1.281   1.357    99.000  99.000     0.058    0.033

22 23  6 76     0.000    0.002     1.285   1.360    99.000  99.000     0.072    0.035

23 23  6 76     0.000    0.002     1.290   1.365    99.000  99.000     0.120    0.036
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	6	76	0.000	0.002	1.292	1.367	99.000	99.000	0.145	0.032
1	24	6	76	0.000	0.002	1.306	1.372	99.000	99.000	0.166	0.034
2	24	6	76	0.000	0.002	1.311	1.379	99.000	99.000	0.181	0.036
3	24	6	76	0.000	0.002	1.337	1.387	99.000	99.000	0.199	0.037
4	24	6	76	0.000	0.002	1.337	1.390	99.000	99.000	0.219	0.036
5	24	6	76	0.000	0.002	1.339	1.388	99.000	99.000	0.232	0.035
6	24	6	76	0.000	0.002	1.339	1.387	99.000	99.000	0.221	0.036
7	24	6	76	0.000	0.002	1.333	1.381	99.000	99.000	0.259	0.040
8	24	6	76	0.000	0.002	1.314	1.370	99.000	99.000	0.276	0.040
9	24	6	76	0.016	0.002	1.313	1.368	99.000	99.000	0.287	0.040
10	24	6	76	0.003	0.003	1.325	1.378	99.000	99.000	0.259	0.040
11	24	6	76	0.009	0.002	1.315	1.370	99.000	99.000	0.277	0.041
12	24	6	76	0.001	0.002	1.315	1.367	99.000	99.000	0.323	0.042
13	24	6	76	0.000	0.002	1.314	1.367	99.000	99.000	0.306	0.042
14	24	6	76	0.000	0.002	1.315	1.367	99.000	99.000	0.315	0.043
15	24	6	76	0.000	0.002	1.310	1.366	99.000	99.000	0.333	0.047
16	24	6	76	0.000	0.002	1.306	1.364	0.219	0.219	0.361	0.044
17	24	6	76	0.000	0.002	1.305	1.362	0.161	0.163	0.387	0.042
18	24	6	76	0.000	0.002	1.305	1.364	0.139	0.140	0.386	0.043
19	24	6	76	0.000	0.002	1.320	1.370	0.133	0.134	0.339	0.039
20	24	6	76	0.025	0.002	1.329	1.373	0.129	0.130	0.348	0.039
21	24	6	76	0.006	0.002	1.327	1.374	0.130	0.132	0.355	0.040
22	24	6	76	0.001	0.002	1.311	1.368	0.130	0.131	0.387	0.041
23	24	6	76	0.000	0.002	1.313	1.366	0.129	0.131	0.390	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	6	76	0.000	0.002	1.312	1.369	0.130	0.132	0.365	0.038
1	25	6	76	0.000	0.002	1.309	1.369	0.131	0.132	0.350	0.036
2	25	6	76	0.000	0.002	1.313	1.368	0.132	0.134	0.305	0.034
3	25	6	76	0.000	0.002	1.312	1.367	0.131	0.133	0.298	0.034
4	25	6	76	0.000	0.002	1.310	1.364	0.129	0.132	0.284	0.035
5	25	6	76	0.000	0.002	1.317	1.368	0.129	0.131	0.289	0.034
6	25	6	76	0.000	0.002	1.319	1.367	0.133	0.134	0.281	0.034
7	25	6	76	0.015	0.002	1.316	1.363	0.141	0.142	0.278	0.033
8	25	6	76	0.002	0.002	1.306	1.359	0.141	0.143	0.300	0.034
9	25	6	76	0.001	0.002	1.309	1.362	0.142	0.144	0.253	0.034
10	25	6	76	0.001	0.005	1.309	1.358	0.141	0.143	0.250	0.033
11	25	6	76	0.000	0.003	1.305	1.358	0.137	0.139	0.262	0.034
12	25	6	76	0.000	0.002	1.299	1.352	0.141	0.143	0.234	0.033
13	25	6	76	0.000	0.002	1.292	1.348	0.141	0.143	0.295	0.033
14	25	6	76	0.001	0.002	1.279	1.345	0.137	0.139	0.240	0.032
15	25	6	76	0.000	0.002	1.278	1.334	0.134	0.136	0.213	0.032
16	25	6	76	0.000	0.002	1.265	1.323	0.133	0.135	0.245	0.030
17	25	6	76	0.000	0.002	1.254	1.320	0.132	0.133	0.256	0.030
18	25	6	76	0.000	0.002	1.268	1.325	0.128	0.130	0.287	0.029
19	25	6	76	0.022	0.014	1.283	1.332	0.125	0.127	0.225	0.029
20	25	6	76	0.003	0.003	1.285	1.333	0.125	0.127	0.205	0.028
21	25	6	76	0.001	0.002	1.290	1.335	0.124	0.126	0.227	0.028
22	25	6	76	0.000	0.002	1.298	1.340	0.123	0.124	0.239	0.027
23	25	6	76	0.000	0.002	1.294	1.336	0.122	0.124	0.245	0.027

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	6	76	0.000	0.002	1.294	1.336	0.121	0.122	0.280	0.028
1	26	6	76	0.000	0.002	1.294	1.336	0.120	0.122	0.278	0.028
2	26	6	76	0.001	0.002	1.295	1.335	0.120	0.122	0.297	0.028
3	26	6	76	0.000	0.002	1.295	1.339	0.120	0.122	0.286	0.027
4	26	6	76	0.001	0.002	1.302	1.341	0.122	0.123	0.270	0.027
5	26	6	76	0.001	0.002	1.310	1.350	0.122	0.123	0.276	0.029
6	26	6	76	0.000	0.002	1.321	1.362	0.128	0.129	0.266	0.027
7	26	6	76	0.000	0.002	1.329	1.371	0.131	0.133	0.251	0.030
8	26	6	76	0.008	0.002	1.324	1.369	0.135	0.136	0.232	0.031
9	26	6	76	0.003	0.002	1.323	1.369	0.137	0.139	0.235	0.032
10	26	6	76	0.054	0.008	1.320	1.371	0.137	0.139	0.250	0.033
11	26	6	76	0.007	0.003	1.320	1.371	0.136	0.138	0.258	0.034
12	26	6	76	0.001	0.002	1.315	1.367	0.132	0.133	0.262	0.037
13	26	6	76	0.000	0.002	1.309	1.360	0.128	0.129	0.270	0.037
14	26	6	76	0.000	0.002	1.308	1.359	0.126	0.128	0.294	0.038
15	26	6	76	0.000	0.002	1.300	1.354	0.128	0.129	0.288	0.037
16	26	6	76	0.000	0.002	1.296	1.354	0.129	0.130	0.291	0.038
17	26	6	76	0.000	0.002	1.295	1.350	99.000	99.000	0.310	0.038
18	26	6	76	0.000	0.002	1.303	1.350	0.010	0.011	0.288	0.037
19	26	6	76	0.000	0.002	1.314	1.359	0.005	0.005	0.289	0.035
20	26	6	76	0.000	0.002	1.329	1.367	0.016	0.015	0.290	0.035
21	26	6	76	0.000	0.002	1.342	1.375	0.042	0.043	0.307	0.035
22	26	6	76	0.000	0.002	1.350	1.388	0.063	0.064	0.314	0.037
23	26	6	76	0.000	0.002	1.355	1.393	0.068	0.069	0.353	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	6	76	0.000	0.002	1.342	1.385	0.072	0.073	0.366	0.040
1	27	6	76	0.000	0.002	1.330	1.381	0.081	0.082	0.317	0.040
2	27	6	76	0.000	0.002	1.329	1.383	0.093	0.094	0.336	0.039
3	27	6	76	0.000	0.002	1.335	1.385	0.098	0.099	0.336	0.038
4	27	6	76	0.000	0.002	1.334	1.385	0.103	0.104	0.285	0.038
5	27	6	76	0.000	0.002	1.332	1.385	0.105	0.107	0.309	0.038
6	27	6	76	0.000	0.002	1.334	1.384	0.115	0.116	0.298	0.037
7	27	6	76	0.000	0.002	1.330	1.380	0.125	0.126	0.284	0.037
8	27	6	76	0.000	0.002	1.325	1.376	0.140	0.142	0.258	0.032
9	27	6	76	0.000	0.002	1.330	1.376	0.146	0.147	0.234	0.031
10	27	6	76	0.000	0.002	1.320	1.368	0.147	0.148	0.248	0.036
11	27	6	76	0.000	0.002	1.320	1.371	0.143	0.145	0.275	0.040
12	27	6	76	0.000	0.002	1.313	1.363	0.143	0.144	0.291	0.041
13	27	6	76	0.009	0.002	1.303	1.358	0.144	0.145	0.306	0.041
14	27	6	76	0.001	0.002	1.296	1.352	0.144	0.146	0.317	0.041
15	27	6	76	0.000	0.002	1.282	1.346	0.147	0.148	0.322	0.040
16	27	6	76	0.000	0.002	1.289	1.346	0.153	0.154	0.309	0.039
17	27	6	76	0.000	0.002	1.290	1.349	0.155	0.156	0.281	0.039
18	27	6	76	0.000	0.002	1.296	1.350	0.156	0.157	0.298	0.039
19	27	6	76	0.000	0.002	1.283	1.350	0.162	0.164	0.358	0.036
20	27	6	76	0.000	0.002	1.286	1.355	0.180	0.182	0.349	0.034
21	27	6	76	0.000	0.002	1.322	1.375	0.171	0.173	0.320	0.036
22	27	6	76	0.002	0.002	1.326	1.387	0.182	0.184	0.334	0.036
23	27	6	76	0.001	0.002	1.314	1.370	0.186	0.189	0.350	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR **	DY **	MO **	YR **	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	6	76	0.000	0.002	1.305	1.360	0.188	0.191	0.382	0.036
1	28	6	76	0.006	0.002	1.306	1.358	0.186	0.189	0.416	0.036
2	28	6	76	0.001	0.002	1.305	1.357	0.182	0.184	0.453	0.036
3	28	6	76	0.000	0.002	1.310	1.360	0.180	0.182	0.438	0.037
4	28	6	76	0.000	0.002	1.325	1.364	0.179	0.182	0.436	0.037
5	28	6	76	0.000	0.002	1.330	1.366	0.182	0.185	0.448	0.034
6	28	6	76	0.000	0.002	1.349	1.386	0.191	0.194	0.436	0.032
7	28	6	76	0.013	0.002	1.327	1.374	0.198	0.202	0.375	0.033
8	28	6	76	0.002	0.002	1.339	1.379	0.199	0.203	0.418	0.034
9	28	6	76	0.000	0.002	1.331	1.375	0.202	0.204	0.401	0.036
10	28	6	76	0.000	0.002	1.324	1.372	0.203	0.206	0.402	0.038
11	28	6	76	0.000	0.002	1.321	1.368	0.204	0.206	0.405	0.040
12	28	6	76	0.000	0.002	1.322	1.364	0.206	0.209	0.422	0.040
13	28	6	76	0.000	0.002	1.295	1.349	0.207	0.209	0.403	0.042
14	28	6	76	0.000	0.002	1.281	1.342	0.180	0.184	0.403	0.045
15	28	6	76	0.003	0.002	1.275	1.335	0.153	0.154	0.456	0.045
16	28	6	76	0.001	0.002	1.279	1.333	0.142	0.144	0.476	0.043
17	28	6	76	0.000	0.002	1.280	1.334	0.137	0.138	0.475	0.044
18	28	6	76	0.000	0.002	1.293	1.341	0.136	0.137	0.485	0.039
19	28	6	76	0.000	0.002	1.296	1.343	0.140	0.140	0.368	0.037
20	28	6	76	0.000	0.002	1.289	1.342	0.133	0.134	0.383	0.038
21	28	6	76	0.031	0.002	1.305	1.352	0.123	0.124	0.421	0.038
22	28	6	76	0.011	0.008	1.301	1.351	0.120	0.122	0.412	0.038
23	28	6	76	0.002	0.003	1.305	1.353	0.119	0.121	0.448	0.037

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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                AIR  QUALITY  DATA
HR DY MO YR        SO2      H2S      THC      CH4      NOX      NO       CO       O3
++ ++ ++ ++     +-----------------------------------------------------------------------+

 0 29  6 76      0.001    0.002    1.306    1.353    0.118    0.119    0.451    0.037

 1 29  6 76      0.005    0.002    1.301    1.349    0.115    0.117    0.410    0.038

 2 29  6 76      0.001    0.002    1.296    1.349    0.113    0.114    0.429    0.039

 3 29  6 76      0.001    0.002    1.290    1.346    0.111    0.112    0.434    0.036

 4 29  6 76      0.000    0.002    1.293    1.346    0.112    0.113    0.411    0.036

 5 29  6 76      0.000    0.002    1.290    1.345    0.110    0.112    0.401    0.036

 6 29  6 76      0.000    0.002    1.294    1.344    0.114    0.115    0.391    0.035

 7 29  6 76      0.000    0.002    1.296    1.345    0.125    0.126    0.333    0.032

 8 29  6 76      0.000    0.002    1.303    1.348    0.127    0.128    0.276    0.032

 9 29  6 76      0.000    0.002    1.305    1.350    0.130    0.131    0.221    0.032

10 29  6 76      0.001    0.003    1.298    1.344    0.136    0.137    0.199    0.031

11 29  6 76      0.000    0.002    1.278    1.337    0.136    0.136    0.268    0.034

12 29  6 76      0.000    0.002    1.242    1.330    0.132    0.133    0.274    0.037

13 29  6 76      0.000    0.002    1.266    1.330    0.128    0.128    0.314    0.037

14 29  6 76      0.000    0.002    1.278    1.333    0.119    0.120    0.341    0.037

15 29  6 76      0.000    0.002    1.289    1.340    0.116    0.117    0.325    0.037

16 29  6 76      0.000    0.002    1.285    1.337    0.118    0.118    0.319    0.037

17 29  6 76      0.000    0.002    1.280    1.335    0.117    0.118    0.345    0.036

18 29  6 76      0.000    0.002    1.278    1.335    0.117    0.118    0.279    0.036

19 29  6 76      0.000    0.002    1.274    1.337    0.122    0.122    0.262    0.034

20 29  6 76      0.000    0.002    1.288    1.344    0.120    0.121    0.264    0.033

21 29  6 76      0.000    0.002    1.284    1.346    0.118    0.119    0.260    0.034

22 29  6 76      0.021    0.033    1.317    1.385    0.117    0.118    0.310    0.035

23 29  6 76      0.004    0.006    1.282    1.352    0.116    0.117    0.296    0.036
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	6	76	0.001	0.002	1.286	1.350	0.118	0.118	0.310	0.035
1	30	6	76	0.014	0.016	1.288	1.350	0.121	0.122	0.314	0.035
2	30	6	76	0.002	0.004	1.290	1.350	0.122	0.123	0.298	0.034
3	30	6	76	0.010	0.025	1.289	1.352	0.124	0.125	0.300	0.033
4	30	6	76	0.002	0.005	1.283	1.349	0.125	0.126	0.300	0.033
5	30	6	76	0.001	0.003	1.286	1.349	0.125	0.126	0.298	0.034
6	30	6	76	0.001	0.002	1.289	1.352	0.128	0.129	0.262	0.032
7	30	6	76	0.003	0.005	1.306	1.371	0.130	0.132	0.201	0.032
8	30	6	76	0.001	0.003	1.284	1.354	0.130	0.131	0.165	0.033
9	30	6	76	0.000	0.002	1.265	1.343	0.132	0.133	0.111	0.034
10	30	6	76	0.000	0.002	1.256	1.333	0.133	0.134	0.176	0.035
11	30	6	76	0.000	0.002	1.249	1.328	0.135	0.135	0.145	0.035
12	30	6	76	0.000	0.002	1.242	1.323	0.134	0.134	0.200	0.036
13	30	6	76	0.000	0.002	1.247	1.321	0.133	0.134	0.174	0.037
14	30	6	76	0.000	0.002	99.000	99.000	0.136	0.136	0.140	0.036
15	30	6	76	0.004	0.006	1.223	1.313	0.139	0.139	0.152	0.036
16	30	6	76	0.001	0.003	1.209	1.305	0.144	0.143	0.131	0.037
17	30	6	76	0.000	0.002	1.215	1.296	0.148	0.148	0.089	0.037
18	30	6	76	0.000	0.002	1.227	1.296	0.152	0.152	0.082	0.038
19	30	6	76	0.000	0.002	1.248	1.307	0.149	0.149	0.138	0.037
20	30	6	76	0.000	0.002	1.263	1.321	0.141	0.143	0.123	0.034
21	30	6	76	0.002	0.002	1.270	1.328	0.138	0.139	0.086	0.032
22	30	6	76	0.092	0.002	1.271	1.334	0.138	0.139	0.048	0.031
23	30	6	76	0.015	0.007	1.270	1.332	0.135	0.136	0.038	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	7	76	0.002	0.006	1.268	1.328	0.134	0.135	0.043	0.033
1	1	7	76	0.001	0.003	1.260	1.327	0.136	0.136	0.020	0.033
2	1	7	76	0.008	0.002	1.243	1.321	0.135	0.136	0.046	0.036
3	1	7	76	0.001	0.002	1.215	1.314	0.133	0.134	0.050	0.038
4	1	7	76	0.013	0.004	1.222	1.315	0.133	0.135	0.009	0.038
5	1	7	76	0.012	0.047	1.225	1.315	0.141	0.142	0.000	0.035
6	1	7	76	0.002	0.008	1.225	1.314	0.144	0.144	0.000	0.031
7	1	7	76	0.001	0.006	1.229	1.317	0.144	0.145	0.000	0.034
8	1	7	76	0.000	0.003	1.228	1.316	0.144	0.144	0.000	0.036
9	1	7	76	0.000	0.002	1.218	1.311	0.148	0.148	0.000	0.038
10	1	7	76	0.000	0.002	1.213	1.303	0.151	0.151	0.000	0.040
11	1	7	76	0.001	0.002	1.207	1.300	0.151	0.151	0.042	0.044
12	1	7	76	0.000	0.002	1.205	1.295	0.153	0.153	0.060	0.045
13	1	7	76	0.000	0.002	1.209	1.291	0.149	0.149	0.166	0.047
14	1	7	76	0.000	0.002	1.223	1.302	0.147	0.148	0.138	0.042
15	1	7	76	0.000	0.002	1.239	1.313	0.143	0.144	0.033	0.039
16	1	7	76	0.000	0.002	1.247	1.319	0.136	0.137	0.040	0.040
17	1	7	76	0.000	0.002	1.252	1.322	0.131	0.132	0.101	0.024
18	1	7	76	0.000	0.002	1.239	1.317	0.134	0.134	0.100	0.041
19	1	7	76	0.000	0.002	1.220	1.309	0.136	0.137	0.043	0.039
20	1	7	76	0.000	0.002	1.230	1.311	0.131	0.132	0.037	0.037
21	1	7	76	0.000	0.005	1.224	1.316	0.126	0.126	0.079	0.039
22	1	7	76	0.000	0.002	1.203	1.314	0.124	0.125	0.065	0.041
23	1	7	76	0.000	0.002	1.213	1.316	0.124	0.125	0.157	0.043

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	7	76	0.008	0.002	1.222	1.318	0.125	0.126	0.172	0.042
1	2	7	76	0.016	0.003	1.241	1.326	0.124	0.125	0.211	0.038
2	2	7	76	0.003	0.002	1.250	1.331	0.125	0.126	0.246	0.039
3	2	7	76	0.001	0.002	1.247	1.330	0.126	0.126	0.202	0.038
4	2	7	76	0.001	0.002	1.244	1.336	0.127	0.127	0.172	0.037
5	2	7	76	0.001	0.013	1.250	1.337	0.128	0.128	0.174	0.038
6	2	7	76	0.001	0.004	1.244	1.333	0.131	0.132	0.117	0.036
7	2	7	76	0.003	0.007	1.251	1.334	0.132	0.133	0.124	0.036
8	2	7	76	0.001	0.003	1.251	1.331	0.137	0.137	0.124	0.036
9	2	7	76	0.001	0.002	1.241	1.319	0.143	0.143	0.110	0.036
10	2	7	76	0.000	0.002	1.224	1.305	0.138	0.189	0.188	0.038
11	2	7	76	0.000	0.002	1.223	1.304	0.136	0.137	0.229	0.039
12	2	7	76	0.001	0.002	1.211	1.289	0.136	0.136	0.225	0.039
13	2	7	76	0.000	0.002	99.000	99.000	0.131	0.132	0.247	0.039
14	2	7	76	0.000	0.002	1.204	1.213	0.131	0.130	0.212	0.038
15	2	7	76	0.000	0.003	1.257	1.240	0.127	0.127	0.236	0.038
16	2	7	76	0.001	0.003	1.261	1.260	0.134	0.124	0.303	0.038
17	2	7	76	0.000	0.002	1.272	1.273	0.122	0.122	0.414	0.039
18	2	7	76	0.001	0.003	1.288	1.288	0.118	0.118	0.551	0.041
19	2	7	76	0.001	0.002	1.302	1.301	0.114	0.115	0.558	0.039
20	2	7	76	0.001	0.002	1.314	1.311	0.107	0.108	0.597	0.039
21	2	7	76	0.000	0.002	1.332	1.328	0.097	0.098	0.626	0.039
22	2	7	76	0.001	0.002	1.355	1.345	0.095	0.097	0.580	0.038
23	2	7	76	0.001	0.002	1.364	1.350	0.109	0.110	0.521	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	7	76	0.013	0.015	1.367	1.347	0.123	0.123	0.364	0.036
1	3	7	76	0.006	0.012	1.357	1.344	0.128	0.129	0.307	0.037
2	3	7	76	0.002	0.026	1.353	1.343	0.127	0.128	0.301	0.039
3	3	7	76	0.006	0.005	1.358	1.346	0.127	0.178	0.312	0.039
4	3	7	76	0.001	0.003	1.360	1.350	0.129	0.130	0.294	0.037
5	3	7	76	0.001	0.002	1.371	1.353	0.130	0.131	0.274	0.036
6	3	7	76	0.013	0.009	1.371	1.357	0.130	0.130	0.322	0.038
7	3	7	76	0.002	0.003	1.368	1.357	0.128	0.129	0.311	0.043
8	3	7	76	0.002	0.003	1.366	1.351	0.132	0.133	0.309	0.042
9	3	7	76	0.001	0.002	1.358	1.336	0.142	0.142	0.255	0.039
10	3	7	76	0.001	0.002	1.343	1.327	0.143	0.143	0.341	0.047
11	3	7	76	0.001	0.002	1.336	1.324	0.146	0.146	0.326	0.049
12	3	7	76	0.001	0.002	1.333	1.328	0.143	0.143	0.395	0.052
13	3	7	76	0.001	0.002	1.326	1.320	0.138	0.178	0.441	0.055
14	3	7	76	0.001	0.002	99.000	99.000	0.142	0.141	0.430	0.055
15	3	7	76	0.001	0.002	99.000	99.000	0.134	0.134	0.514	0.054
16	3	7	76	0.001	0.002	1.342	1.321	0.130	0.130	0.490	0.053
17	3	7	76	0.001	0.002	1.421	1.377	0.125	0.125	0.453	0.051
18	3	7	76	0.000	0.002	1.423	1.386	0.123	0.124	0.459	0.048
19	3	7	76	0.000	0.002	1.423	1.386	0.128	0.129	0.404	0.044
20	3	7	76	0.000	0.002	1.425	1.386	0.122	0.123	0.416	0.043
21	3	7	76	0.006	0.019	1.433	1.393	0.114	0.115	0.477	0.046
22	3	7	76	0.001	0.004	1.426	1.389	0.110	0.111	0.535	0.045
23	3	7	76	0.002	0.002	1.425	1.384	0.109	0.110	0.536	0.044

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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                    AIR  QUALITY  DATA
HR DY MO YR       SO2     H2S      THC     CH4      NOX     NO        CO      O3
++ ++ ++ ++    +---------------------------------------------------------------+

 0  4  7 76     0.001   0.002    1.434   1.387    0.110   0.112    0.550   0.044
 1  4  7 76     0.001   0.002    1.440   1.394    0.110   0.113    0.608   0.046
 2  4  7 76     0.001   0.002    1.429   1.386    0.109   0.111    0.653   0.046
 3  4  7 76     0.001   0.002    1.434   1.384    0.109   0.110    0.653   0.044
 4  4  7 76     0.001   0.002    1.432   1.385    0.109   0.111    0.677   0.043
 5  4  7 76     0.001   0.002    1.426   1.386    0.108   0.111    0.697   0.044
 6  4  7 76     0.001   0.002    1.423   1.380    0.112   0.114    0.705   0.042
 7  4  7 76     0.001   0.015    1.432   1.384    0.124   0.126    0.651   0.039
 8  4  7 76     0.001   0.004    1.440   1.389    0.133   0.134    0.603   0.037
 9  4  7 76     0.001   0.002    1.444   1.388    0.139   0.140    0.588   0.037
10  4  7 76     0.000   0.002    1.435   1.384    0.141   0.142    0.630   0.042
11  4  7 76     0.000   0.002    1.421   1.380   99.000  99.000    0.635   0.046
12  4  7 76     0.000   0.002    1.428   1.382   99.000  99.000    0.679   0.047
13  4  7 76     0.000   0.002    1.411   1.373   99.000  99.000    0.634   0.046
14  4  7 76     0.001   0.002    1.408   1.370   99.000  99.000    0.656   0.045
15  4  7 76     0.001   0.002    1.405   1.369   99.000  99.000    0.656   0.045
16  4  7 76     0.001   0.002    1.403   1.370   99.000  99.000    0.666   0.044
17  4  7 76     0.001   0.002    1.405   1.357   99.000  99.000    0.740   0.043
18  4  7 76     0.005   0.002    1.400   1.362   99.000  99.000    0.691   0.040
19  4  7 76     0.001   0.002    1.398   1.365   99.000  99.000    0.699   0.035
20  4  7 76     0.001   0.002    1.399   1.365   99.000  99.000    0.720   0.033
21  4  7 76     0.000   0.002    1.409   1.375   99.000  99.000    0.736   0.032
22  4  7 76     0.014   0.002    1.416   1.383   99.000  99.000    0.710   0.033
23  4  7 76     0.009   0.013    1.420   1.387   99.000  99.000    0.727   0.035
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                          RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S       THC     CH4       NOX    NO        CO      O3
++ ++ ++ ++     +-------------------------------------------------------------------+

 0  5  7 76      0.002   0.013    1.420   1.384   99.000 99.000     0.747   0.035

 1  5  7 76      0.007   0.005    1.428   1.391   99.000 99.000     0.718   0.037

 2  5  7 76      0.003   0.002    1.444   1.401   99.000 99.000     0.684   0.045

 3  5  7 76      0.009   0.002    1.443   1.400   99.000 99.000     0.657   0.046

 4  5  7 76      0.002   0.002    1.444   1.403   99.000 99.000     0.689   0.046

 5  5  7 76      0.001   0.015    1.451   1.407   99.000 99.000     0.642   0.047

 6  5  7 76      0.001   0.004    1.463   1.411   99.000 99.000     0.659   0.046

 7  5  7 76      0.001   0.002    1.470   1.417   99.000 99.000     0.664   0.046

 8  5  7 76      0.001   0.002    1.460   1.406   99.000 99.000     0.630   0.041

 9  5  7 76      0.001   0.002    1.455   1.398   99.000 99.000     0.659   0.047

10  5  7 76      0.001   0.002    1.429   1.386   99.000 99.000     0.672   0.050

11  5  7 76      0.000   0.002    1.419   1.376   99.000 99.000     0.640   0.048

12  5  7 76      0.000   0.002   99.000  99.000   99.000 99.000     0.645   0.045

13  5  7 76      0.000   0.002   99.000  99.000   99.000 99.000     0.660   0.043

14  5  7 76      0.000   0.002    1.355   1.332    0.030  0.033     0.598   0.042

15  5  7 76      0.001   0.002    1.373   1.348    0.019  0.020     0.611   0.042

16  5  7 76      0.000   0.002    1.379   1.356    0.068  0.066     0.619   0.043

17  5  7 76      0.001   0.002    1.384   1.362    0.073  0.071     0.617   0.041

18  5  7 76      0.000   0.002    1.399   1.371    0.077  0.077     0.571   0.038

19  5  7 76      0.000   0.002    1.413   1.378    0.073  0.073     0.586   0.037

20  5  7 76      0.000   0.002    1.421   1.380    0.107  0.108     0.588   0.036

21  5  7 76      0.000   0.002    1.428   1.391    0.119  0.120     0.581   0.035

22  5  7 76      0.000   0.002    1.433   1.398    0.184  0.186     0.588   0.035

23  5  7 76      0.000   0.014    1.437   1.401    0.183  0.186     0.611   0.037
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	7	76	0.000	0.004	1.440	1.405	0.172	0.175	0.615	0.038
1	6	7	76	0.001	0.002	1.441	1.404	0.166	0.169	0.643	0.040
2	6	7	76	0.001	0.002	1.435	1.397	0.160	0.163	0.657	0.039
3	6	7	76	0.019	0.002	1.431	1.395	0.153	0.156	0.662	0.036
4	6	7	76	0.003	0.002	1.439	1.396	0.147	0.149	0.696	0.036
5	6	7	76	0.001	0.002	1.434	1.396	0.145	0.148	0.690	0.036
6	6	7	76	0.001	0.002	1.431	1.392	0.147	0.149	0.661	0.035
7	6	7	76	0.001	0.003	1.441	1.396	0.152	0.154	0.615	0.034
8	6	7	76	99.000	99.000	1.450	1.395	0.161	0.162	0.565	0.033
9	6	7	76	0.014	0.016	1.422	1.385	0.161	0.162	0.578	0.034
10	6	7	76	0.002	0.004	1.431	1.394	0.161	0.162	0.578	0.034
11	6	7	76	0.001	0.003	1.444	1.406	0.161	0.162	0.586	0.036
12	6	7	76	0.000	0.002	1.434	1.396	0.161	0.162	0.582	0.037
13	6	7	76	0.000	0.002	1.421	1.388	0.159	0.160	0.611	0.038
14	6	7	76	0.000	0.002	1.409	1.377	0.158	0.159	0.606	0.038
15	6	7	76	0.000	0.002	1.314	1.380	0.155	0.156	0.590	0.038
16	6	7	76	0.000	0.002	1.414	1.383	0.156	0.157	0.618	0.040
17	6	7	76	0.000	0.002	1.463	1.388	0.155	0.156	0.650	0.040
18	6	7	76	0.000	0.002	1.436	1.394	0.150	0.151	0.642	0.040
19	6	7	76	0.000	0.002	1.434	1.396	0.148	0.150	0.659	0.039
20	6	7	76	0.000	0.002	1.448	1.405	0.149	0.150	0.596	0.037
21	6	7	76	0.000	0.002	1.506	1.418	0.150	0.151	0.582	0.034
22	6	7	76	0.005	0.002	1.479	1.410	0.147	0.148	0.548	0.035
23	6	7	76	0.001	0.002	1.464	1.413	0.147	0.148	0.569	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	7	76	0.001	0.002	1.447	1.405	0.147	0.149	0.560	0.036
1	7	7	76	0.001	0.002	1.442	1.403	0.146	0.148	0.537	0.036
2	7	7	76	0.001	0.002	1.438	1.399	0.147	0.149	0.542	0.035
3	7	7	76	0.001	0.006	1.434	1.398	0.147	0.149	0.545	0.034
4	7	7	76	0.001	0.003	1.433	1.398	0.147	0.149	0.501	0.033
5	7	7	76	0.001	0.002	1.433	1.398	0.148	0.150	0.499	0.033
6	7	7	76	0.001	0.002	1.427	1.395	0.151	0.152	0.464	0.033
7	7	7	76	0.008	0.009	1.424	1.393	0.157	0.159	0.386	0.032
8	7	7	76	0.001	0.003	1.429	1.403	0.165	0.167	0.360	0.033
9	7	7	76	0.000	0.002	1.447	1.420	0.170	0.171	0.365	0.034
10	7	7	76	0.002	0.003	1.421	1.396	0.172	0.174	0.349	0.036
11	7	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	7	7	76	0.001	0.003	1.412	1.389	0.178	0.179	0.302	0.037
13	7	7	76	0.013	0.006	1.486	1.368	0.174	0.175	0.295	0.038
14	7	7	76	0.005	0.004	1.430	1.372	0.204	0.205	0.306	0.038
15	7	7	76	0.001	0.002	1.415	1.376	0.234	0.237	0.259	0.037
16	7	7	76	0.001	0.003	1.398	1.369	0.222	0.224	0.233	0.037
17	7	7	76	0.000	0.002	1.404	1.375	0.216	0.219	0.221	0.037
18	7	7	76	0.000	0.002	1.401	1.373	0.215	0.217	0.205	0.038
19	7	7	76	0.000	0.002	1.401	1.372	0.213	0.216	0.192	0.037
20	7	7	76	0.000	0.002	1.407	1.374	0.212	0.215	0.205	0.038
21	7	7	76	0.000	0.002	1.402	1.375	0.201	0.203	0.261	0.040
22	7	7	76	0.000	0.002	1.409	1.377	0.197	0.199	0.266	0.039
23	7	7	76	0.000	0.002	1.409	1.377	0.191	0.194	0.270	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	7	76	0.000	0.002	1.410	1.379	0.193	0.195	0.280	0.037
1	8	7	76	0.001	0.002	1.411	1.379	0.190	0.192	0.351	0.038
2	8	7	76	0.001	0.002	1.413	1.380	0.189	0.192	0.371	0.037
3	8	7	76	0.001	0.002	1.414	1.378	0.189	0.192	0.352	0.035
4	8	7	76	0.001	0.002	1.412	1.379	0.186	0.188	0.349	0.036
5	8	7	76	0.001	0.002	1.414	1.381	0.185	0.188	0.353	0.036
6	8	7	76	0.000	0.002	1.417	1.383	0.187	0.190	0.365	0.037
7	8	7	76	0.001	0.002	1.416	1.383	0.195	0.197	0.366	0.036
8	8	7	76	0.000	0.002	1.413	1.383	0.199	0.201	0.319	0.037
9	8	7	76	0.000	0.002	1.411	1.381	0.201	0.203	0.290	0.039
10	8	7	76	0.000	0.002	1.412	1.382	0.201	0.203	0.270	0.039
11	8	7	76	0.000	0.002	1.401	1.368	0.204	0.205	0.292	0.040
12	8	7	76	0.000	0.002	1.380	1.352	0.206	0.208	0.320	0.040
13	8	7	76	0.000	0.002	1.378	1.345	0.205	0.207	0.327	0.040
14	8	7	76	0.000	0.002	1.366	1.342	0.201	0.202	0.341	0.039
15	8	7	76	0.000	0.002	1.382	1.357	0.201	0.202	0.369	0.039
16	8	7	76	0.000	0.002	1.381	1.356	0.202	0.203	0.384	0.039
17	8	7	76	0.000	0.002	1.367	1.340	0.173	0.166	0.441	0.040
18	8	7	76	0.001	0.002	1.369	1.326	0.038	0.035	0.421	0.040
19	8	7	76	0.001	0.002	1.374	1.334	0.011	0.009	0.377	0.037
20	8	7	76	0.001	0.002	1.387	1.347	0.003	0.003	0.385	0.036
21	8	7	76	0.000	0.002	1.395	1.356	0.005	0.006	0.418	0.036
22	8	7	76	0.000	0.002	1.400	1.357	0.007	0.008	0.385	0.037
23	8	7	76	0.001	0.002	1.399	1.357	0.008	0.010	0.412	0.038

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	7	76	0.001	0.043	1.392	1.353	0.010	0.011	0.437	0.039
1	9	7	76	0.009	0.007	1.392	1.355	0.010	0.012	0.469	0.040
2	9	7	76	0.002	0.003	1.399	1.356	0.010	0.013	0.464	0.040
3	9	7	76	0.001	0.002	1.403	1.356	0.011	0.014	0.448	0.037
4	9	7	76	0.001	0.002	1.400	1.358	0.012	0.015	0.415	0.037
5	9	7	76	0.001	0.002	1.400	1.359	0.013	0.015	0.394	0.037
6	9	7	76	0.001	0.002	1.403	1.359	0.013	0.015	0.339	0.036
7	9	7	76	0.010	0.002	1.410	1.359	0.013	0.015	0.325	0.035
8	9	7	76	0.002	0.002	1.406	1.355	0.012	0.015	0.287	0.035
9	9	7	76	0.001	0.002	1.387	1.344	0.009	0.012	0.287	0.039
10	9	7	76	0.001	0.002	1.373	1.331	0.007	0.011	0.301	0.042
11	9	7	76	0.001	0.002	1.360	1.323	0.006	0.010	0.323	0.044
12	9	7	76	0.000	0.002	1.353	1.321	0.005	0.010	0.334	0.044
13	9	7	76	0.001	0.002	1.355	1.318	0.005	0.010	0.318	0.044
14	9	7	76	0.001	0.003	1.359	1.304	0.004	0.009	0.313	0.043
15	9	7	76	0.016	0.018	1.352	1.313	0.006	0.011	0.266	0.042
16	9	7	76	0.004	0.004	1.365	1.327	0.007	0.012	0.198	0.042
17	9	7	76	0.001	0.003	1.359	1.321	0.007	0.012	0.238	0.042
18	9	7	76	0.001	0.003	1.357	1.321	0.006	0.011	0.286	0.042
19	9	7	76	0.001	0.003	1.366	1.321	0.006	0.011	0.300	0.041
20	9	7	76	0.001	0.002	1.365	1.330	0.008	0.012	0.232	0.038
21	9	7	76	0.000	0.002	1.387	1.371	0.011	0.015	0.261	0.036
22	9	7	76	0.000	0.002	1.433	1.387	0.015	0.018	0.263	0.035
23	9	7	76	0.004	0.008	1.414	1.372	0.015	0.018	0.214	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
**	**	**	**								
0	10	7	76	0.001	0.003	1.417	1.370	0.015	0.019	0.238	0.037
1	10	7	76	0.006	0.002	1.408	1.366	0.014	0.018	0.304	0.040
2	10	7	76	0.001	0.010	1.408	1.364	0.015	0.019	0.353	0.038
3	10	7	76	0.001	0.003	1.403	1.359	0.015	0.018	0.350	0.035
4	10	7	76	0.001	0.008	1.400	1.357	0.015	0.018	0.358	0.035
5	10	7	76	0.001	0.005	1.398	1.357	0.015	0.018	0.371	0.036
6	10	7	76	0.013	0.003	1.407	1.360	0.015	0.018	0.352	0.035
7	10	7	76	0.021	0.002	1.411	1.364	0.014	0.018	0.315	0.033
8	10	7	76	0.003	0.002	1.410	1.357	0.013	0.018	0.253	0.033
9	10	7	76	0.001	0.002	1.388	1.345	0.011	0.015	0.249	0.039
10	10	7	76	0.001	0.002	1.371	1.332	0.009	0.014	0.300	0.043
11	10	7	76	0.001	0.003	1.356	1.321	0.007	0.012	0.307	0.044
12	10	7	76	0.001	0.002	1.355	1.320	0.007	0.012	0.343	0.046
13	10	7	76	0.001	0.003	1.358	1.315	0.006	0.012	0.326	0.044
14	10	7	76	0.001	0.002	1.364	1.318	0.008	0.013	0.376	0.044
15	10	7	76	0.000	0.002	1.379	1.342	0.012	0.016	0.368	0.041
16	10	7	76	0.000	0.002	1.390	1.350	0.016	0.019	0.346	0.039
17	10	7	76	0.011	0.013	1.406	1.360	0.016	0.020	0.305	0.039
18	10	7	76	0.002	0.004	1.413	1.356	0.016	0.020	0.356	0.041
19	10	7	76	0.001	0.002	1.402	1.347	0.017	0.021	0.385	0.040
20	10	7	76	0.001	0.005	1.413	1.356	0.018	0.021	0.337	0.038
21	10	7	76	0.000	0.003	1.425	1.360	0.017	0.022	0.265	0.036
22	10	7	76	0.000	0.002	1.434	1.360	0.018	0.022	0.261	0.034
23	10	7	76	0.000	0.002	1.417	1.357	0.017	0.022	0.288	0.041

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	7	76	0.000	0.002	1.424	1.354	0.017	0.022	0.291	0.044
1	11	7	76	0.000	0.002	1.413	1.355	0.017	0.022	0.272	0.045
2	11	7	76	0.001	0.002	1.410	1.354	0.018	0.022	0.249	0.044
3	11	7	76	0.001	0.002	1.407	1.355	0.018	0.023	0.234	0.043
4	11	7	76	0.004	0.002	1.409	1.353	0.018	0.022	0.196	0.042
5	11	7	76	0.006	0.002	1.412	1.351	0.019	0.022	0.209	0.041
6	11	7	76	0.001	0.002	1.441	1.407	0.018	0.022	0.194	0.038
7	11	7	76	0.005	0.008	1.420	1.366	0.018	0.022	0.157	0.039
8	11	7	76	0.003	0.014	1.419	1.357	0.018	0.023	0.147	0.041
9	11	7	76	0.001	0.004	1.409	1.352	0.017	0.022	0.148	0.040
10	11	7	76	0.000	0.002	1.399	1.350	0.016	0.021	0.166	0.040
11	11	7	76	0.000	0.002	1.389	1.345	0.015	0.020	0.183	0.040
12	11	7	76	0.000	0.002	1.378	1.334	0.014	0.020	0.158	0.041
13	11	7	76	0.000	0.002	1.369	1.328	0.013	0.019	0.177	0.042
14	11	7	76	0.000	0.002	1.358	1.309	0.011	0.017	0.128	0.041
15	11	7	76	0.001	0.002	1.340	1.298	0.009	0.015	0.173	0.042
16	11	7	76	0.000	0.002	1.358	1.319	0.013	0.019	0.177	0.040
17	11	7	76	0.000	0.002	1.397	1.357	0.016	0.021	0.081	0.039
18	11	7	76	0.000	0.002	1.400	1.358	0.018	0.023	0.029	0.038
19	11	7	76	0.000	0.002	1.398	1.361	0.018	0.023	0.073	0.039
20	11	7	76	0.001	0.003	1.432	1.367	0.017	0.022	0.121	0.040
21	11	7	76	0.000	0.002	1.397	1.354	0.018	0.022	0.146	0.039
22	11	7	76	0.000	0.002	1.398	1.358	0.019	0.023	0.128	0.038
23	11	7	76	0.000	0.002	1.407	1.357	0.020	0.023	0.192	0.035

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                      RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                AIR   QUALITY   DATA
HR DY MO YR      SO2      H2S      THC      CH4      NOX      NO       CO       O3
++ ++ ++ ++   +------------------------------------------------------------------------+

 0 12  7 76    0.000    0.002    1.412    1.364    0.020    0.024    0.214    0.036
 1 12  7 76    0.009    0.029    1.412    1.356    0.020    0.023    0.267    0.038
 2 12  7 76    0.001    0.006    1.400    1.352    0.020    0.024    0.244    0.038
 3 12  7 76    0.009    0.003    1.395    1.348    0.019    0.023    0.266    0.036
 4 12  7 76    0.002    0.002    1.402    1.349    0.019    0.023    0.244    0.038
 5 12  7 76    0.000    0.002    1.396    1.343    0.019    0.023    0.202    0.040
 6 12  7 76    0.000    0.002    1.406    1.357    0.018    0.023    0.156    0.040
 7 12  7 76    0.000    0.002    1.404    1.354    0.017    0.022    0.156    0.040
 8 12  7 76    0.000    0.002    1.400    1.350    0.016    0.021    0.140    0.040
 9 12  7 76    0.000    0.002    1.388    1.340    0.013    0.019    0.134    0.042
10 12  7 76    0.000    0.002    1.366    1.326    0.012    0.018    0.118    0.043
11 12  7 76    0.000    0.002    1.360    1.318    0.011    0.017    0.101    0.043
12 12  7 76    0.000    0.002   99.000   99.000    0.009    0.016    0.081    0.042
13 12  7 76    0.000    0.002   99.000   99.000    0.009    0.016    0.015    0.040
14 12  7 76    0.010    0.005    1.323    1.272    0.014    0.018    0.186    0.040
15 12  7 76    0.004    0.002    1.314    1.284    0.013    0.017    0.130    0.039
16 12  7 76    0.001    0.001    1.389    1.353    0.013    0.018    0.085    0.040
17 12  7 76    0.001    0.001    1.406    1.362    0.012    0.017    0.115    0.042
18 12  7 76    0.000    0.001    1.393    1.355    0.012    0.017    0.119    0.043
19 12  7 76    0.000    0.001    1.388    1.351    0.013    0.017    0.161    0.042
20 12  7 76    0.000    0.001    1.394    1.358    0.015    0.019    0.262    0.038
21 12  7 76    0.000    0.001    1.412    1.368    0.015    0.020    0.173    0.034
22 12  7 76    0.000    0.001    1.417    1.373    0.016    0.021    0.157    0.037
23 12  7 76    0.000    0.001    1.430    1.381    0.016    0.021    0.120    0.036
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	7	76	0.000	0.001	1.421	1.380	0.017	0.021	0.156	0.037
1	13	7	76	0.000	0.001	1.431	1.383	0.015	0.021	0.069	0.035
2	13	7	76	0.000	0.001	1.427	1.386	0.014	0.020	0.019	0.026
3	13	7	76	0.000	0.001	1.440	1.382	0.015	0.021	0.000	0.024
4	13	7	76	0.000	0.001	1.418	1.374	0.016	0.021	0.029	0.032
5	13	7	76	0.000	0.001	1.421	1.376	0.017	0.021	0.061	0.036
6	13	7	76	0.000	0.001	1.422	1.379	0.017	0.021	0.082	0.035
7	13	7	76	0.000	0.001	1.421	1.381	0.015	0.020	0.028	0.039
8	13	7	76	0.000	0.001	1.417	1.366	0.011	0.017	0.000	0.036
9	13	7	76	0.000	0.001	1.402	1.353	0.008	0.015	0.000	0.038
10	13	7	76	0.001	0.001	1.375	1.338	0.005	0.013	0.003	0.041
11	13	7	76	0.001	0.002	1.359	1.330	0.002	0.008	0.000	0.043
12	13	7	76	0.001	0.002	1.337	1.310	0.005	0.006	99.000	0.043
13	13	7	76	0.001	0.003	1.315	1.288	0.007	0.003	99.000	0.045
14	13	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	13	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	13	7	76	0.001	0.002	1.338	1.324	0.005	0.004	0.401	0.038
17	13	7	76	0.001	0.001	1.392	1.389	0.007	0.011	0.000	0.041
18	13	7	76	0.001	0.001	1.435	1.427	0.012	0.016	0.037	0.041
19	13	7	76	0.000	0.001	1.451	1.440	0.014	0.019	0.332	0.040
20	13	7	76	0.000	0.001	1.454	1.444	0.016	0.020	0.286	0.036
21	13	7	76	0.000	0.001	1.457	1.453	0.018	0.021	0.229	0.038
22	13	7	76	0.000	0.001	1.455	1.427	0.019	0.022	0.248	0.039
23	13	7	76	0.000	0.001	1.452	1.421	0.019	0.022	0.287	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

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                                    AIR  QUALITY  DATA
HR DY MO YR      SO2      H2S       THC     CH4        NOX     NO         CO      O3
++ ++ ++ ++   +--------------------------------------------------------------------------+

 0 14  7 76    0.000    0.001     1.446   1.416      0.018   0.021      0.285   0.038

 1 14  7 76    0.000    0.001     1.445   1.415      0.019   0.022      0.343   0.039

 2 14  7 76    0.000    0.001     1.445   1.414      0.019   0.023      0.362   0.041

 3 14  7 76    0.000    0.001     1.448   1.419      0.019   0.022      0.371   0.039

 4 14  7 76    0.000    0.001     1.458   1.425      0.019   0.022      0.399   0.037

 5 14  7 76    0.000    0.001     1.462   1.431      0.019   0.023      0.443   0.037

 6 14  7 76    0.000    0.001     1.465   1.432      0.019   0.023      0.457   0.037

 7 14  7 76    0.000    0.001     1.478   1.430      0.017   0.021      0.419   0.036

 8 14  7 76    0.000    0.001     1.464   1.424      0.017   0.022      0.432   0.039

 9 14  7 76    0.000    0.001     1.455   1.419      0.017   0.022      0.431   0.042

10 14  7 76    0.000    0.001     1.451   1.415      0.017   0.022      0.455   0.046

11 14  7 76    0.000    0.001     1.458   1.419      0.017   0.022      0.512   0.046

12 14  7 76    0.000    0.001     1.450   1.419      0.017   0.022      0.510   0.045

13 14  7 76    0.000    0.001     1.436   1.410      0.017   0.021      0.485   0.044

14 14  7 76    0.000    0.001     1.421   1.400      0.017   0.021      0.441   0.041

15 14  7 76    0.000    0.001     1.418   1.392      0.016   0.020      0.412   0.041

16 14  7 76    0.001    0.001     1.430   1.398      0.015   0.020      0.469   0.043

17 14  7 76    0.000    0.001     1.421   1.397      0.017   0.020      0.396   0.039

18 14  7 76    0.000    0.001     1.423   1.399      0.018   0.021      0.365   0.038

19 14  7 76    0.000    0.001     1.433   1.406      0.019   0.022      0.321   0.038

20 14  7 76    0.000    0.001     1.462   1.424      0.018   0.022      0.316   0.036

21 14  7 76    0.000    0.001     1.481   1.443      0.019   0.022      0.362   0.037

22 14  7 76    0.000    0.001     1.462   1.427      0.019   0.022      0.387   0.039

23 14  7 76    0.000    0.001     1.469   1.433      0.019   0.022      0.326   0.038
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	15	7	76	0.000	0.001	1.457	1.427	0.019	0.022	0.318	0.038
1	15	7	76	0.000	0.001	1.455	1.419	0.019	0.022	0.307	0.036
2	15	7	76	0.000	0.001	1.450	1.417	0.019	0.022	0.261	0.035
3	15	7	76	0.000	0.001	1.459	1.427	0.019	0.022	0.275	0.035
4	15	7	76	0.000	0.001	1.470	1.438	0.019	0.022	0.322	0.035
5	15	7	76	0.000	0.001	1.471	1.440	0.016	0.022	0.366	0.034
6	15	7	76	0.000	0.001	1.472	1.440	0.013	0.022	0.372	0.033
7	15	7	76	0.000	0.001	1.487	1.445	0.014	0.022	0.323	0.033
8	15	7	76	0.000	0.001	1.506	1.458	0.016	0.022	0.287	0.032
9	15	7	76	0.000	0.001	1.502	1.442	0.016	0.021	0.252	0.032
10	15	7	76	0.000	0.001	1.465	1.390	0.015	0.020	0.303	0.036
11	15	7	76	0.000	0.001	1.432	1.367	0.014	0.019	0.321	0.039
12	15	7	76	0.000	0.001	1.417	1.364	0.013	0.018	0.361	0.040
13	15	7	76	0.001	0.001	1.400	1.351	0.013	0.018	0.369	0.040
14	15	7	76	0.001	0.001	1.397	1.338	0.013	0.017	0.390	0.040
15	15	7	76	0.001	0.001	1.379	1.330	0.011	0.016	0.432	0.041
16	15	7	76	0.001	0.001	1.384	1.332	0.011	0.016	0.442	0.041
17	15	7	76	0.001	0.001	1.402	1.354	0.015	0.019	0.475	0.041
18	15	7	76	0.000	0.001	1.421	1.371	0.018	0.021	0.439	0.040
19	15	7	76	0.000	0.001	1.442	1.389	0.018	0.022	0.447	0.039
20	15	7	76	0.000	0.001	1.443	1.391	0.020	0.022	0.416	0.037
21	15	7	76	0.000	0.001	1.447	1.397	0.021	0.023	0.425	0.039
22	15	7	76	0.000	0.001	1.455	1.400	0.021	0.023	0.404	0.039
23	15	7	76	0.000	0.001	1.455	1.399	0.021	0.024	0.445	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	7	76	0.000	0.001	1.470	1.413	0.021	0.024	0.466	0.039
1	16	7	76	0.000	0.001	1.472	1.412	0.021	0.024	0.501	0.039
2	16	7	76	0.000	0.001	1.455	1.399	0.021	0.024	0.487	0.040
3	16	7	76	0.000	0.001	1.442	1.390	0.021	0.024	0.489	0.041
4	16	7	76	0.000	0.001	1.442	1.390	0.022	0.024	0.483	0.042
5	16	7	76	0.000	0.001	1.441	1.392	0.021	0.024	0.484	0.041
6	16	7	76	0.000	0.001	1.441	1.391	0.021	0.023	0.484	0.040
7	16	7	76	0.000	0.001	1.443	1.391	0.021	0.023	0.449	0.038
8	16	7	76	0.000	0.001	1.455	1.392	0.020	0.023	0.420	0.035
9	16	7	76	0.000	0.001	1.455	1.397	0.019	0.023	0.393	0.034
10	16	7	76	0.000	0.001	1.456	1.396	0.018	0.022	0.461	0.037
11	16	7	76	0.000	0.001	1.442	1.394	0.018	0.022	0.476	0.039
12	16	7	76	0.000	0.001	1.434	1.391	0.018	0.022	0.467	0.041
13	16	7	76	0.000	0.001	1.448	1.391	0.018	0.022	0.485	0.041
14	16	7	76	0.000	0.001	1.433	1.373	0.016	0.021	0.449	0.043
15	16	7	76	0.000	0.001	99.000	99.000	0.017	0.021	0.432	0.043
16	16	7	76	0.000	0.001	99.000	99.000	0.016	0.020	0.435	0.043
17	16	7	76	0.000	0.001	1.508	1.451	0.016	0.020	0.430	0.043
18	16	7	76	0.000	0.001	1.489	1.434	0.017	0.021	0.478	0.042
19	16	7	76	0.000	0.001	1.476	1.432	0.018	0.022	0.493	0.041
20	16	7	76	0.000	0.001	1.478	1.437	0.020	0.022	0.460	0.037
21	16	7	76	0.000	0.001	1.458	1.414	0.020	0.023	0.479	0.039
22	16	7	76	0.000	0.001	1.458	1.418	0.020	0.023	0.471	0.040
23	16	7	76	0.000	0.001	1.452	1.406	0.019	0.023	0.473	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	7	76	0.000	0.001	1.424	1.385	0.019	0.023	0.445	0.039
1	17	7	76	0.000	0.001	1.420	1.378	0.019	0.022	0.360	0.039
2	17	7	76	0.000	0.001	1.422	1.378	0.019	0.022	0.291	0.039
3	17	7	76	0.000	0.001	1.423	1.376	0.019	0.022	0.281	0.037
4	17	7	76	0.000	0.001	1.427	1.382	0.019	0.022	0.234	0.037
5	17	7	76	0.000	0.001	1.421	1.378	0.019	0.022	0.200	0.036
6	17	7	76	0.000	0.001	1.416	1.375	0.018	0.022	0.170	0.036
7	17	7	76	0.000	0.001	1.423	1.368	0.017	0.021	0.144	0.035
8	17	7	76	0.000	0.001	1.399	1.359	0.016	0.021	0.142	0.036
9	17	7	76	0.000	0.001	1.391	1.350	0.016	0.020	0.124	0.038
10	17	7	76	0.000	0.001	1.372	1.332	0.014	0.019	0.135	0.039
11	17	7	76	0.000	0.001	1.357	1.319	0.011	0.016	0.129	0.040
12	17	7	76	0.001	0.001	1.363	1.337	0.010	0.015	0.174	0.040
13	17	7	76	0.001	0.001	1.359	1.325	0.009	0.015	0.115	0.039
14	17	7	76	0.001	0.001	1.329	1.295	0.008	0.015	0.069	0.039
15	17	7	76	0.000	0.001	1.330	1.295	0.008	0.014	0.105	0.038
16	17	7	76	0.001	0.001	1.372	1.327	0.010	0.015	0.080	0.038
17	17	7	76	0.000	0.001	1.353	1.316	0.012	0.016	0.140	0.037
18	17	7	76	0.000	0.001	1.378	1.333	0.016	0.020	0.133	0.035
19	17	7	76	0.000	0.001	1.389	1.352	0.016	0.021	0.084	0.034
20	17	7	76	0.000	0.001	1.423	1.397	0.015	0.020	0.000	0.035
21	17	7	76	0.000	0.001	1.415	1.372	0.015	0.020	0.000	0.032
22	17	7	76	0.000	0.001	1.396	1.358	0.014	0.020	0.000	0.029
23	17	7	76	0.000	0.001	1.389	1.352	0.015	0.020	0.000	0.031

RIO BLANCO OIL SHALE PROJECT   SITE   ONE

AIR QUALITY DATA

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HR DY MO YR     SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-------------------------------------------------------------------+

 0 18  7 76   0.000   0.001    1.383   1.342    0.016   0.020    0.000   0.034
 1 18  7 76   0.000   0.001    1.383   1.341    0.016   0.021    0.000   0.032
 2 18  7 76   0.000   0.001    1.384   1.339    0.015   0.021    0.000   0.029
 3 18  7 76   0.000   0.001    1.383   1.338    0.013   0.021    0.000   0.025
 4 18  7 76   0.000   0.001    1.393   1.351    0.014   0.021    0.000   0.027
 5 18  7 76   0.000   0.001    1.379   1.342    0.014   0.021    0.000   0.027
 6 18  7 76   0.000   0.001    1.378   1.335    0.014   0.021    0.000   0.030
 7 18  7 76   0.000   0.001    1.406   1.337    0.014   0.020    0.000   0.030
 8 18  7 76   0.000   0.001    1.415   1.383    0.015   0.021    0.000   0.033
 9 18  7 76   0.000   0.001    1.410   1.386    0.015   0.021    0.000   0.033
10 18  7 76   0.000   0.001    1.414   1.384    0.013   0.020    0.000   0.033
11 18  7 76   0.000   0.001    1.401   1.375    0.012   0.019    0.000   0.033
12 18  7 76   0.000   0.001    1.393   1.371    0.013   0.020    0.000   0.037
13 18  7 76   0.000   0.001    1.434   1.402    0.012   0.019    0.000   0.034
14 18  7 76   0.000   0.001    1.431   1.401    0.013   0.019    0.000   0.033
15 18  7 76   0.000   0.001    1.395   1.373    0.014   0.020    0.000   0.035
16 18  7 76   0.000   0.001    1.402   1.379    0.014   0.020    0.000   0.037
17 18  7 76   0.000   0.001    1.429   1.395    0.015   0.020    0.000   0.035
18 18  7 76   0.000   0.001    1.411   1.382    0.016   0.020    0.000   0.034
19 18  7 76   0.000   0.001    1.416   1.382    0.017   0.021    0.000   0.032
20 18  7 76   0.000   0.001    1.440   1.415    0.017   0.021    0.000   0.029
21 18  7 76   0.000   0.001    1.423   1.395    0.017   0.021    0.000   0.031
22 18  7 76   0.000   0.001    1.443   1.400    0.017   0.021    0.000   0.026
23 18  7 76   0.000   0.001    1.423   1.389    0.016   0.021    0.000   0.025
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	7	76	0.000	0.001	1.422	1.382	0.015	0.021	0.000	0.023
1	19	7	76	0.000	0.001	1.404	1.382	0.016	0.021	0.000	0.025
2	19	7	76	0.000	0.001	1.405	1.380	0.017	0.021	0.000	0.028
3	19	7	76	0.000	0.001	1.405	1.381	0.017	0.021	0.000	0.028
4	19	7	76	0.000	0.001	1.411	1.384	0.017	0.022	0.000	0.027
5	19	7	76	0.000	0.001	1.405	1.381	0.018	0.021	0.000	0.028
6	19	7	76	0.000	0.001	1.435	1.435	0.017	0.020	0.000	0.028
7	19	7	76	0.000	0.001	1.418	1.390	0.016	0.020	0.000	0.024
8	19	7	76	0.000	0.001	1.409	1.381	0.015	0.019	0.000	0.028
9	19	7	76	0.000	0.001	1.390	1.369	0.015	0.020	0.000	0.031
10	19	7	76	0.000	0.001	1.384	1.364	0.016	0.020	0.000	0.033
11	19	7	76	0.000	0.001	1.382	1.360	0.015	0.020	0.000	0.034
12	19	7	76	0.000	0.001	1.374	1.356	0.015	0.020	0.000	0.035
13	19	7	76	0.000	0.001	1.373	1.356	0.015	0.020	0.000	0.036
14	19	7	76	0.000	0.001	1.383	1.366	0.016	0.020	0.000	0.035
15	19	7	76	0.000	0.001	1.390	1.373	0.016	0.020	0.000	0.034
16	19	7	76	0.000	0.001	1.390	1.372	0.016	0.020	0.000	0.034
17	19	7	76	0.000	0.001	1.386	1.369	0.017	0.021	0.039	0.034
18	19	7	76	0.000	0.001	1.383	1.366	0.016	0.020	0.000	0.030
19	19	7	76	0.000	0.001	1.390	1.371	0.016	0.020	0.000	0.030
20	19	7	76	0.000	0.001	1.397	1.378	0.015	0.019	0.000	0.028
21	19	7	76	0.000	0.001	1.390	1.373	0.016	0.020	0.000	0.033
22	19	7	76	0.000	0.001	1.389	1.369	0.017	0.021	0.000	0.030
23	19	7	76	0.000	0.001	1.395	1.377	0.016	0.020	0.000	0.023

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	7	76	0.000	0.001	1.473	1.425	0.016	0.020	0.000	0.026
1	20	7	76	0.000	0.001	1.463	1.426	0.017	0.020	0.000	0.030
2	20	7	76	0.000	0.001	1.472	1.431	0.017	0.021	0.000	0.029
3	20	7	76	0.000	0.001	1.462	1.421	0.017	0.021	0.000	0.027
4	20	7	76	0.000	0.001	1.482	1.431	0.016	0.021	0.000	0.024
5	20	7	76	0.000	0.001	1.485	1.440	0.017	0.021	0.000	0.027
6	20	7	76	0.000	0.001	1.464	1.425	0.017	0.021	0.000	0.024
7	20	7	76	0.000	0.001	1.453	1.401	0.016	0.020	0.000	0.027
8	20	7	76	0.000	0.001	1.428	1.391	0.016	0.020	0.000	0.032
9	20	7	76	0.000	0.001	1.410	1.377	0.015	0.019	0.000	0.034
10	20	7	76	0.000	0.001	1.405	1.374	0.015	0.020	0.000	0.034
11	20	7	76	0.000	0.001	1.397	1.370	0.015	0.019	0.000	0.035
12	20	7	76	0.000	0.001	1.396	1.367	0.016	0.019	0.000	0.035
13	20	7	76	0.000	0.001	1.413	1.370	0.016	0.020	0.000	99.000
14	20	7	76	0.000	0.001	1.404	1.375	0.016	0.020	0.000	0.039
15	20	7	76	0.000	0.001	1.400	1.371	0.015	0.019	0.000	0.035
16	20	7	76	0.000	0.001	1.394	1.363	0.015	0.019	0.000	0.036
17	20	7	76	0.000	0.001	1.381	1.361	0.016	0.019	0.057	0.036
18	20	7	76	0.000	0.001	1.382	1.364	0.017	0.021	0.019	0.036
19	20	7	76	0.000	0.001	1.381	1.367	0.018	0.021	0.005	0.036
20	20	7	76	0.000	0.001	1.390	1.369	0.018	0.021	0.078	0.034
21	20	7	76	0.000	0.001	1.398	1.373	0.019	0.022	0.075	0.034
22	20	7	76	0.000	0.001	1.393	1.374	0.019	0.022	0.000	0.033
23	20	7	76	0.000	0.001	1.399	1.374	0.019	0.022	0.000	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	7	76	0.000	0.001	1.416	1.383	0.019	0.022	0.002	0.035
1	21	7	76	0.000	0.001	1.403	1.380	0.019	0.022	0.037	0.035
2	21	7	76	0.000	0.001	1.397	1.377	0.019	0.022	0.034	0.037
3	21	7	76	0.000	0.001	1.399	1.379	0.019	0.022	0.023	0.036
4	21	7	76	0.000	0.001	1.397	1.374	0.019	0.022	0.010	0.036
5	21	7	76	0.000	0.001	1.400	1.375	0.019	0.022	0.049	0.036
6	21	7	76	0.000	0.001	1.400	1.377	0.019	0.022	0.060	0.033
7	21	7	76	0.000	0.001	1.405	1.376	0.018	0.021	0.044	0.034
8	21	7	76	0.000	0.001	1.404	1.377	0.018	0.021	0.010	0.033
9	21	7	76	0.000	0.001	1.399	1.368	0.017	0.021	0.011	0.036
10	21	7	76	0.000	0.001	1.391	1.365	0.017	0.021	0.047	0.037
11	21	7	76	0.000	0.001	1.392	1.371	0.017	0.021	0.108	0.039
12	21	7	76	0.000	0.001	1.391	1.373	0.017	0.021	0.173	0.041
13	21	7	76	0.000	0.001	1.432	1.397	0.017	0.021	0.156	0.043
14	21	7	76	0.000	0.001	1.455	1.416	0.017	0.021	0.175	0.042
15	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

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                       RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                 AIR  QUALITY  DATA
HR DY MO YR      SO2      H2S      THC      CH4      NOX      NO       CO       O3
++ ++ ++ ++    +-----------------------------------------------------------------------+

 0 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 1 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 2 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 3 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 4 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 5 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 6 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 7 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 8 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 9 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

10 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

11 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

12 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

13 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

14 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

15 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

16 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

17 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

18 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

19 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

20 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

21 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

22 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

23 22  7 76    99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                 AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-------------------------------------------------------------------+

 0 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 1 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 2 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 3 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 4 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 5 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 6 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 7 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 8 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 9 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

10 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

11 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

12 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

13 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

14 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

15 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

16 23  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

17 23  7 76     0.001  0.001    1.389  1.343    0.007  0.008    0.329  0.046

18 23  7 76     0.001  0.001    1.381  1.344    0.007  0.008    0.358  0.047

19 23  7 76     0.000  0.001    1.384  1.344    0.007  0.008    0.323  0.043

20 23  7 76     0.000  0.001    1.388  1.352    0.008  0.009    0.333  0.040

21 23  7 76     0.000  0.001    1.425  1.384    0.008  0.010    0.272  0.038

22 23  7 76     0.000  0.001    1.419  1.371    0.008  0.009    0.204  0.036

23 23  7 76     0.000  0.001    1.407  1.365    0.008  0.009    0.170  0.036
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	7	76	0.000	0.001	1.427	1.367	0.008	0.009	0.171	0.039
1	24	7	76	0.000	0.001	1.414	1.372	0.008	0.009	0.224	0.043
2	24	7	76	0.000	0.001	1.422	1.372	0.008	0.010	0.213	0.044
3	24	7	76	0.000	0.001	1.419	1.375	0.008	0.009	0.217	0.045
4	24	7	76	0.000	0.001	1.416	1.373	0.007	0.008	0.184	0.044
5	24	7	76	0.000	0.001	1.419	1.378	0.007	0.008	0.224	0.044
6	24	7	76	0.000	0.001	1.417	1.378	0.007	0.008	0.273	0.042
7	24	7	76	0.000	0.001	1.451	1.396	0.007	0.008	0.237	0.043
8	24	7	76	0.000	0.001	1.438	1.389	0.006	0.008	0.224	0.044
9	24	7	76	0.000	0.001	1.428	1.381	0.006	0.007	0.224	0.043
10	24	7	76	0.000	0.001	1.404	1.365	0.006	0.007	0.241	0.046
11	24	7	76	0.000	0.001	1.400	1.360	0.006	0.007	0.236	0.047
12	24	7	76	0.000	0.001	1.396	1.355	0.005	0.007	0.264	0.047
13	24	7	76	0.000	0.001	1.395	1.358	0.005	0.007	0.263	0.047
14	24	7	76	0.000	0.001	1.398	1.358	0.006	0.007	0.275	0.047
15	24	7	76	0.000	0.001	1.404	1.361	0.005	0.007	0.272	0.047
16	24	7	76	0.000	0.001	1.401	1.358	0.005	0.007	0.272	0.046
17	24	7	76	0.000	0.001	1.392	1.353	0.005	0.006	0.195	0.045
18	24	7	76	0.000	0.001	1.391	1.352	0.005	0.006	0.179	0.045
19	24	7	76	0.000	0.001	1.406	1.351	0.005	0.006	0.189	0.044
20	24	7	76	0.000	0.001	1.415	1.367	0.006	0.007	0.164	0.041
21	24	7	76	0.000	0.001	1.421	1.375	0.006	0.007	0.164	0.043
22	24	7	76	0.000	0.001	1.429	1.383	0.006	0.007	0.169	0.044
23	24	7	76	0.000	0.001	1.425	1.379	0.007	0.007	0.153	0.045

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	7	76	0.000	0.001	1.427	1.380	0.006	0.007	0.123	0.044
1	25	7	76	0.000	0.001	1.424	1.378	0.006	0.007	0.089	0.045
2	25	7	76	0.000	0.001	1.418	1.373	0.006	0.006	0.077	0.043
3	25	7	76	0.000	0.001	1.412	1.367	0.005	0.006	0.048	0.040
4	25	7	76	0.000	0.001	1.420	1.370	0.005	0.005	0.036	0.041
5	25	7	76	0.000	0.001	1.416	1.367	0.005	0.005	0.000	0.041
6	25	7	76	0.000	0.001	1.415	1.369	0.004	0.005	0.000	0.040
7	25	7	76	0.000	0.001	1.427	1.376	0.003	0.004	0.000	0.039
8	25	7	76	0.000	0.001	1.424	1.373	0.003	0.004	0.000	0.040
9	25	7	76	0.000	0.001	1.420	1.371	0.002	0.003	0.000	0.041
10	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
11	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
14	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	25	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

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                        RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                  AIR  QUALITY  DATA
HR DY MO YR       SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +---------------------------------------------------------------------+

 0 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 1 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 2 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 3 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 4 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 5 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 6 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 7 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 8 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 9 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

10 26  7 76    99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

11 26  7 76     0.001  0.000    1.413  1.358    0.003  0.002    0.087  0.036

12 26  7 76     0.000  0.001    1.428  1.369    0.002  0.001    0.000  0.036

13 26  7 76     0.000  0.001    1.409  1.359    0.001  0.000    0.048  0.039

14 26  7 76     0.000  0.001    1.396  1.351    0.001  0.000    0.059  0.039

15 26  7 76     0.000  0.001    1.410  1.362    0.001  0.001    0.000  0.038

16 26  7 76     0.000  0.001    1.405  1.361    0.001  0.000    0.000  0.035

17 26  7 76     0.000  0.001    1.410  1.363    0.001  0.000    0.000  0.036

18 26  7 76     0.000  0.001    1.393  1.349    0.001  0.000    0.000  0.038

19 26  7 76     0.000  0.001    1.408  1.362    0.000  0.001    0.020  0.037

20 26  7 76     0.000  0.001    1.408  1.359    0.001  0.001    0.000  0.034

21 26  7 76     0.000  0.001    1.425  1.363    0.001  0.001    0.000  0.032

22 26  7 76     0.000  0.001    1.412  1.366    0.001  0.001    0.000  0.033

23 26  7 76     0.000  0.001    1.401  1.359    0.001  0.002    0.000  0.036
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                      RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                  AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC    CH4      NOX    NO       CO      O3
++ ++ ++ ++    +--------------------------------------------------------------+

 0 27  7 76    0.000  0.001    1.397  1.358    0.002  0.002    0.011  0.036

 1 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 2 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 3 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 4 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 5 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 6 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 7 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 8 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 9 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

10 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

11 27  7 76   99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

12 27  7 76    0.000  0.001    1.401  1.356    0.002  0.002    0.145  0.038

13 27  7 76    0.000  0.001    1.396  1.347    0.001  0.002    0.285  0.040

14 27  7 76    0.000  0.001    1.380  1.336    0.001  0.002    0.257  0.039

15 27  7 76    0.000  0.001    1.367  1.330   99.000 99.000    0.268  0.039

16 27  7 76    0.000  0.001    1.362  1.327    0.007  0.009    0.315  0.038

17 27  7 76    0.000  0.001    1.371  1.328    0.008  0.010    0.317  0.038

18 27  7 76    0.000  0.001    1.376  1.339    0.009  0.011    0.279  0.038

19 27  7 76    0.000  0.001    1.398  1.354    0.009  0.011    0.253  0.037

20 27  7 76    0.000  0.001    1.401  1.355    0.009  0.011    0.234  0.035

21 27  7 76    0.000  0.001    1.429  1.366    0.009  0.011    0.228  0.032

22 27  7 76    0.000  0.001    1.421  1.368    0.009  0.011    0.218  0.033

23 27  7 76    0.000  0.001    1.411  1.365    0.010  0.012    0.186  0.034
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	7	76	0.000	0.001	1.402	1.363	0.010	0.012	0.159	0.034
1	28	7	76	0.000	0.001	1.403	1.365	0.010	0.012	0.184	0.034
2	28	7	76	0.000	0.001	1.404	1.369	0.010	0.012	0.202	0.035
3	28	7	76	0.000	0.001	1.409	1.369	0.010	0.012	0.190	0.035
4	28	7	76	0.000	0.001	1.409	1.370	0.010	0.012	0.176	0.035
5	28	7	76	0.000	0.001	1.429	1.373	0.010	0.012	0.164	0.033
6	28	7	76	0.000	0.001	1.435	1.372	0.010	0.012	0.198	0.035
7	28	7	76	0.000	0.001	1.412	1.369	0.010	0.012	0.153	0.032
8	28	7	76	0.000	0.001	1.422	1.369	0.009	0.011	0.178	0.034
9	28	7	76	0.000	0.001	99.000	99.000	0.009	0.011	0.199	0.033
10	28	7	76	0.000	0.001	99.000	99.000	0.009	0.011	0.252	0.037
11	28	7	76	0.000	0.001	99.000	99.000	0.008	0.011	0.318	0.038
12	28	7	76	0.000	0.001	1.411	1.375	99.000	99.000	0.299	0.038
13	28	7	76	0.000	0.001	1.426	1.389	99.000	99.000	0.313	0.039
14	28	7	76	0.000	0.001	1.432	1.400	99.000	99.000	0.322	0.040
15	28	7	76	0.000	0.001	1.429	1.393	99.000	99.000	0.246	0.040
16	28	7	76	0.000	0.001	1.431	1.393	99.000	99.000	0.261	0.039
17	28	7	76	0.000	0.001	1.434	1.401	0.004	0.004	0.313	0.038
18	28	7	76	0.000	0.001	1.429	1.390	0.001	0.001	0.326	0.038
19	28	7	76	0.000	0.001	1.432	1.392	0.001	0.001	0.296	0.036
20	28	7	76	0.000	0.001	1.431	1.393	0.001	0.001	0.290	0.035
21	28	7	76	0.000	0.001	1.454	1.410	0.001	0.001	0.299	0.035
22	28	7	76	0.000	0.001	1.460	1.413	0.001	0.001	0.248	0.036
23	28	7	76	0.000	0.001	1.446	1.405	0.001	0.001	0.255	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	7	76	0.000	0.001	1.436	1.398	0.001	0.001	0.309	0.037
1	29	7	76	0.000	0.001	1.441	1.398	0.001	0.001	0.267	0.036
2	29	7	76	0.000	0.001	1.442	1.398	0.001	0.001	0.251	0.033
3	29	7	76	0.000	0.001	1.453	1.401	0.001	0.001	0.242	0.034
4	29	7	76	0.000	0.001	1.447	1.403	0.001	0.001	0.259	0.035
5	29	7	76	0.000	0.001	1.448	1.405	0.001	0.001	0.302	0.036
6	29	7	76	0.000	0.001	1.462	1.409	0.001	0.001	0.304	0.035
7	29	7	76	0.000	0.001	1.451	1.405	0.001	0.001	0.256	0.033
8	29	7	76	0.000	0.001	1.455	1.407	0.001	0.001	0.332	0.036
9	29	7	76	0.000	0.001	1.441	1.399	0.001	0.001	0.382	0.038
10	29	7	76	0.000	0.001	1.435	1.392	0.001	0.001	0.343	0.037
11	29	7	76	0.000	0.001	1.428	1.384	0.001	0.001	0.298	0.038
12	29	7	76	0.000	0.001	1.421	1.367	0.001	0.001	0.332	0.038
13	29	7	76	0.000	0.001	1.428	1.393	0.001	0.001	0.267	0.037
14	29	7	76	0.000	0.001	1.439	1.401	0.001	0.001	0.260	0.037
15	29	7	76	0.000	0.001	1.436	1.402	0.001	0.001	0.232	0.037
16	29	7	76	0.000	0.001	1.436	1.403	0.001	0.001	0.187	0.037
17	29	7	76	0.000	0.001	1.435	1.401	0.001	0.001	0.199	0.036
18	29	7	76	0.000	0.001	1.434	1.401	0.001	0.001	0.153	0.035
19	29	7	76	0.000	0.001	1.444	1.400	0.001	0.001	0.173	0.035
20	29	7	76	0.000	0.001	1.436	1.389	0.001	0.001	0.139	0.033
21	29	7	76	0.000	0.001	1.435	1.392	0.001	0.001	0.132	0.033
22	29	7	76	0.000	0.001	1.438	1.395	0.001	0.001	0.136	0.034
23	29	7	76	0.000	0.001	1.440	1.395	0.001	0.001	0.125	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	7	76	0.000	0.001	1.445	1.397	0.001	0.001	0.150	0.034
1	30	7	76	0.000	0.001	1.447	1.394	0.001	0.001	0.155	0.034
2	30	7	76	0.000	0.001	1.454	1.398	0.001	0.001	0.197	0.034
3	30	7	76	0.000	0.001	1.449	1.402	0.001	0.001	0.221	0.033
4	30	7	76	0.000	0.001	1.464	1.397	0.001	0.001	0.195	0.034
5	30	7	76	0.000	0.001	1.447	1.395	0.001	0.001	0.172	0.034
6	30	7	76	0.000	0.001	1.440	1.393	0.001	0.001	0.141	0.032
7	30	7	76	0.000	0.001	1.442	1.397	0.001	0.001	0.112	0.034
8	30	7	76	0.000	0.001	1.496	1.411	0.001	0.001	0.130	0.035
9	30	7	76	0.000	0.001	1.471	1.402	0.001	0.001	0.212	0.038
10	30	7	76	0.000	0.001	1.447	1.393	0.001	0.001	0.224	0.039
11	30	7	76	0.000	0.001	1.441	1.388	0.001	0.001	0.243	0.040
12	30	7	76	0.000	0.001	1.437	1.385	0.001	0.001	0.217	0.040
13	30	7	76	0.000	0.001	1.437	1.387	0.001	0.001	0.217	0.040
14	30	7	76	0.000	0.001	1.441	1.390	0.001	0.001	0.153	0.038
15	30	7	76	0.000	0.001	1.445	1.393	0.000	0.001	0.000	0.040
16	30	7	76	0.000	0.001	1.447	1.390	0.000	0.001	0.027	0.042
17	30	7	76	0.000	0.001	1.440	1.384	0.001	0.001	0.086	0.040
18	30	7	76	0.000	0.001	1.448	1.389	0.001	0.001	0.138	0.038
19	30	7	76	0.000	0.001	1.449	1.393	0.001	0.001	0.056	0.037
20	30	7	76	0.000	0.001	1.457	1.401	0.001	0.001	0.094	0.038
21	30	7	76	0.000	0.001	1.467	1.411	0.001	0.001	0.000	0.036
22	30	7	76	0.000	0.001	1.459	1.406	0.001	0.001	0.000	0.035
23	30	7	76	0.000	0.001	1.461	1.408	0.001	0.001	0.000	0.035

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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++      +-------------------------------------------------------------------+

 0 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 1 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 2 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 3 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 4 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 5 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 6 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 7 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 8 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

 9 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

10 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

11 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

12 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

13 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

14 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

15 31  7 76     99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000

16 31  7 76      0.000  0.001   1.439  1.389   0.001  0.001   0.000  0.040

17 31  7 76      0.000  0.001   1.344  1.348   0.000  0.001   0.000  0.041

18 31  7 76      0.000  0.001   1.419  1.372   0.001  0.001   0.000  0.041

19 31  7 76      0.000  0.001   1.436  1.386   0.001  0.001   0.000  0.042

20 31  7 76      0.000  0.001   1.434  1.379   0.001  0.001   0.000  0.044

21 31  7 76      0.000  0.001   1.448  1.396   0.001  0.001   0.000  0.044

22 31  7 76      0.000  0.001   1.450  1.399   0.001  0.001   0.000  0.041

23 31  7 76      0.000  0.001   1.461  1.401   0.001  0.001   0.000  0.038
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                        RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR         SO2      H2S       THC     CH4       NOX      NO        CO       O3
++ ++ ++ ++     +-----------------------------------------------------------------------+

 0  1  8 76       0.000    0.001     1.473   1.399     0.001    0.001     0.000    0.036

 1  1  8 76       0.000    0.001     1.453   1.399     0.001    0.001     0.000    0.032

 2  1  8 76       0.000    0.001     1.456   1.389     0.001    0.001     0.000    0.031

 3  1  8 76       0.000    0.001     1.437   1.381     0.001    0.001     0.000    0.028

 4  1  8 76       0.000    0.001     1.441   1.384     0.001    0.001     0.000    0.028

 5  1  8 76       0.000    0.001     1.450   1.394     0.001    0.001     0.000    0.033

 6  1  8 76       0.000    0.001     1.453   1.399     0.001    0.001     0.000    0.035

 7  1  8 76       0.000    0.001     1.454   1.396     0.001    0.001     0.000    0.032

 8  1  8 76       0.000    0.001     1.473   1.392     0.001    0.001     0.000    0.034

 9  1  8 76       0.000    0.001     1.449   1.384     0.001    0.001     0.000    0.035

10  1  8 76       0.000    0.001     1.447   1.380     0.001    0.001     0.000    0.039

11  1  8 76       0.000    0.001     1.428   1.372     0.001    0.001     0.000    0.039

12  1  8 76       0.000    0.001     1.420   1.364     0.001    0.001     0.000    0.039

13  1  8 76       0.000    0.001     1.418   1.362     0.001    0.001     0.000    0.037

14  1  8 76       0.000    0.001     1.418   1.359     0.001    0.001     0.000    0.037

15  1  8 76       0.000    0.001     1.422   1.358     0.001    0.001     0.000    0.035

16  1  8 76       0.000    0.001     1.420   1.358     0.001    0.001     0.000    0.035

17  1  8 76       0.000    0.001     1.409   1.352     0.001    0.001     0.062    0.035

18  1  8 76       0.000    0.001     1.406   1.349     0.001    0.001     0.070    0.033

19  1  8 76       0.001    0.001     1.426   1.343     0.001    0.001     0.000    0.033

20  1  8 76       0.000    0.001     1.422   1.351     0.001    0.001     0.000    0.030

21  1  8 76       0.000    0.001     1.419   1.362     0.001    0.001     0.000    0.026

22  1  8 76       0.000    0.001     1.423   1.369     0.001    0.001     0.000    0.027

23  1  8 76       0.000    0.001     1.428   1.368     0.001    0.001     0.000    0.026
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	8	76	0.000	0.001	1.417	1.364	0.001	0.001	0.002	0.029
1	2	8	76	0.000	0.001	1.419	1.365	0.001	0.001	0.079	0.030
2	2	8	76	0.000	0.001	1.431	1.374	0.001	0.001	0.047	0.029
3	2	8	76	0.000	0.001	1.453	1.372	0.001	0.001	0.041	0.029
4	2	8	76	0.000	0.001	1.433	1.368	0.001	0.001	0.007	0.030
5	2	8	76	0.000	0.001	1.446	1.366	0.001	0.001	0.022	0.028
6	2	8	76	0.000	0.001	1.438	1.375	0.001	0.001	0.022	0.028
7	2	8	76	0.000	0.001	1.430	1.373	0.001	0.001	0.001	0.027
8	2	8	76	0.000	0.001	1.429	1.370	0.001	0.001	0.026	0.027
9	2	8	76	0.000	0.001	1.431	1.365	0.001	0.001	0.000	0.027
10	2	8	76	0.000	0.001	1.438	1.366	0.001	0.001	0.000	0.028
11	2	8	76	0.000	0.001	1.430	1.363	0.001	0.001	0.000	0.030
12	2	8	76	0.000	0.001	1.428	1.360	0.001	0.001	0.000	0.033
13	2	8	76	0.000	0.001	1.424	1.365	0.001	0.001	0.000	0.033
14	2	8	76	0.000	0.001	1.421	1.367	0.001	0.001	0.000	0.032
15	2	8	76	0.000	0.001	1.420	1.359	0.001	0.001	0.000	0.033
16	2	8	76	0.000	0.001	1.412	1.350	0.001	0.001	0.000	0.034
17	2	8	76	0.000	0.001	1.413	1.351	0.001	0.001	0.000	0.033
18	2	8	76	0.000	0.001	1.405	1.351	0.001	0.001	0.000	0.033
19	2	8	76	0.000	0.001	1.418	1.356	0.001	0.001	0.000	0.032
20	2	8	76	0.001	0.001	1.426	1.363	0.001	0.001	0.000	0.031
21	2	8	76	0.000	0.001	1.428	1.370	0.001	0.001	0.042	0.031
22	2	8	76	0.000	0.001	1.439	1.378	0.001	0.001	0.042	0.030
23	2	8	76	0.000	0.001	1.438	1.379	0.001	0.001	0.002	0.028

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	8	76	0.000	0.001	1.434	1.378	0.001	0.001	0.000	0.027
1	3	8	76	0.000	0.001	1.442	1.374	0.001	0.001	0.000	0.025
2	3	8	76	0.000	0.001	1.436	1.374	0.001	0.001	0.000	0.026
3	3	8	76	0.000	0.001	1.433	1.380	0.001	0.001	0.000	0.024
4	3	8	76	0.000	0.001	1.435	1.379	0.001	0.001	0.059	0.033
5	3	8	76	0.000	0.001	1.414	1.361	0.001	0.001	0.076	0.033
6	3	8	76	0.000	0.001	1.421	1.365	0.001	0.001	0.091	0.029
7	3	8	76	0.000	0.001	1.456	1.387	0.001	0.001	0.067	0.027
8	3	8	76	0.000	0.001	1.452	1.382	0.001	0.001	0.059	0.030
9	3	8	76	0.000	0.001	1.438	1.368	0.001	0.001	0.031	0.032
10	3	8	76	0.000	0.001	1.420	1.356	0.001	0.001	0.055	0.033
11	3	8	76	0.000	0.001	1.405	1.352	0.001	0.001	0.120	0.036
12	3	8	76	0.000	0.001	1.401	1.350	0.001	0.001	0.189	0.036
13	3	8	76	0.000	0.001	1.400	1.350	0.001	0.001	0.260	0.037
14	3	8	76	0.000	0.001	1.399	1.348	0.001	0.001	0.244	0.037
15	3	8	76	0.000	0.001	1.397	1.345	0.001	0.001	0.283	0.038
16	3	8	76	0.000	0.001	1.398	1.347	0.001	0.001	0.286	0.038
17	3	8	76	0.000	0.001	1.402	1.348	0.001	0.001	0.244	0.038
18	3	8	76	0.000	0.001	1.415	1.358	0.001	0.001	0.129	0.033
19	3	8	76	0.000	0.001	1.426	1.361	0.001	0.001	0.116	0.031
20	3	8	76	0.000	0.001	1.421	1.361	0.001	0.001	0.103	0.032
21	3	8	76	0.000	0.001	1.425	1.364	0.001	0.001	0.115	0.031
22	3	8	76	0.000	0.001	1.424	1.365	0.002	0.001	0.101	0.031
23	3	8	76	0.000	0.001	1.478	1.389	0.001	0.001	0.108	0.028

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	4	8	76	0.000	0.001	1.464	1.376	0.001	0.001	0.082	0.028
1	4	8	76	0.000	0.001	1.431	1.368	0.001	0.001	0.117	0.028
2	4	8	76	0.000	0.001	1.419	1.359	0.001	0.001	0.074	0.028
3	4	8	76	0.000	0.001	1.416	1.362	0.001	0.001	0.075	0.028
4	4	8	76	0.000	0.001	1.439	1.378	0.001	0.001	0.038	0.028
5	4	8	76	0.000	0.001	1.433	1.373	0.001	0.001	0.041	0.028
6	4	8	76	0.000	0.001	1.423	1.367	0.001	0.001	0.049	0.029
7	4	8	76	0.000	0.001	1.436	1.365	0.001	0.001	0.006	0.026
8	4	8	76	0.000	0.001	1.423	1.356	0.001	0.001	0.046	0.028
9	4	8	76	0.000	0.001	1.409	1.352	0.001	0.001	0.120	0.031
10	4	8	76	0.000	0.001	1.402	1.347	0.001	0.001	0.153	0.032
11	4	8	76	0.000	0.001	1.395	1.342	0.001	0.001	0.230	0.033
12	4	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.251	0.034
13	4	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.293	0.034
14	4	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.246	0.034
15	4	8	76	0.019	0.006	1.395	1.340	0.001	0.001	0.272	0.035
16	4	8	76	0.003	0.001	1.426	1.363	0.001	0.001	0.311	0.036
17	4	8	76	0.001	0.001	1.425	1.364	0.001	0.001	0.345	0.037
18	4	8	76	0.000	0.001	1.425	1.364	0.001	0.001	0.352	0.038
19	4	8	76	0.000	0.001	1.425	1.366	0.002	0.001	0.365	0.034
20	4	8	76	0.000	0.001	1.428	1.370	0.002	0.001	0.392	0.033
21	4	8	76	0.000	0.001	1.437	1.376	0.002	0.001	0.406	0.033
22	4	8	76	0.000	0.001	1.440	1.376	0.002	0.001	0.391	0.031
23	4	8	76	0.000	0.001	1.458	1.389	0.002	0.001	0.315	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	8	76	0.000	0.001	1.447	1.384	0.002	0.001	0.265	0.032
1	5	8	76	0.000	0.001	1.443	1.381	0.002	0.001	0.245	0.032
2	5	8	76	0.000	0.001	1.445	1.383	0.002	0.001	0.298	0.033
3	5	8	76	0.000	0.001	1.445	1.382	0.002	0.001	0.275	0.034
4	5	8	76	0.000	0.001	1.446	1.384	0.002	0.001	0.292	0.035
5	5	8	76	0.000	0.001	1.452	1.390	0.002	0.001	0.298	0.033
6	5	8	76	0.000	0.001	1.459	1.384	0.002	0.001	0.306	0.034
7	5	8	76	0.000	0.000	1.459	1.387	0.002	0.001	0.309	0.033
8	5	8	76	0.000	0.001	1.462	1.381	0.001	0.001	0.201	0.031
9	5	8	76	0.000	0.001	1.452	1.380	0.001	0.001	0.255	0.033
10	5	8	76	0.000	0.001	1.450	1.376	0.001	0.001	0.265	0.033
11	5	8	76	0.000	0.001	1.453	1.367	0.001	0.001	0.291	0.034
12	5	8	76	0.000	0.000	1.436	1.370	0.001	0.001	0.389	0.036
13	5	8	76	0.000	0.001	1.425	1.364	0.001	0.001	0.447	0.036
14	5	8	76	0.000	0.012	1.415	1.360	0.001	0.001	0.521	0.036
15	5	8	76	0.000	0.003	1.418	1.363	0.001	0.001	0.544	0.038
16	5	8	76	0.000	0.001	1.422	1.365	0.001	0.001	0.610	0.039
17	5	8	76	0.000	0.001	1.424	1.368	0.001	0.001	0.637	0.040
18	5	8	76	0.000	0.001	1.428	1.374	0.001	0.001	0.655	0.040
19	5	8	76	0.000	0.001	1.435	1.384	0.002	0.001	0.620	0.039
20	5	8	76	0.000	0.001	1.461	1.414	0.002	0.001	0.637	0.038
21	5	8	76	0.000	0.001	1.464	1.419	0.002	0.001	0.636	0.039
22	5	8	76	0.000	0.001	1.471	1.421	0.002	0.001	0.615	0.039
23	5	8	76	0.000	0.001	1.471	1.422	0.002	0.001	0.618	0.041

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	8	76	0.000	0.001	1.475	1.427	0.002	0.001	0.664	0.041
1	6	8	76	0.000	0.001	1.479	1.433	0.002	0.001	0.689	0.040
2	6	8	76	0.000	0.001	1.484	1.441	0.002	0.001	0.653	0.040
3	6	8	76	0.000	0.001	1.485	1.442	0.002	0.001	0.622	0.040
4	6	8	76	0.000	0.001	1.480	1.435	0.002	0.001	0.648	0.040
5	6	8	76	0.000	0.001	1.498	1.454	0.002	0.001	0.651	0.038
6	6	8	76	0.000	0.001	1.493	1.444	0.002	0.001	0.643	0.038
7	6	8	76	0.000	0.001	1.490	1.440	0.001	0.001	0.630	0.038
8	6	8	76	0.000	0.001	1.504	1.457	0.001	0.001	0.649	0.038
9	6	8	76	0.000	0.001	1.484	1.434	0.001	0.001	0.616	0.039
10	6	8	76	0.000	0.001	1.455	1.398	0.001	0.001	0.602	0.039
11	6	8	76	0.000	0.001	1.442	1.384	0.001	0.001	0.620	0.039
12	6	8	76	0.000	0.001	1.427	1.373	0.001	0.001	0.613	0.038
13	6	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.601	0.036
14	6	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.664	0.036
15	6	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.704	0.036
16	6	8	76	0.000	0.001	1.389	1.365	0.001	0.001	0.701	0.034
17	6	8	76	0.000	0.001	1.403	1.381	0.001	0.001	0.689	0.032
18	6	8	76	0.000	0.001	1.400	1.376	0.001	0.001	0.732	0.029
19	6	8	76	0.000	0.001	1.407	1.383	0.001	0.001	0.699	0.027
20	6	8	76	0.000	0.001	1.407	1.384	0.002	0.001	0.693	0.024
21	6	8	76	0.000	0.001	1.411	1.387	0.002	0.001	0.683	0.023
22	6	8	76	0.000	0.001	1.411	1.389	0.002	0.001	0.689	0.023
23	6	8	76	0.000	0.001	1.408	1.386	0.002	0.001	0.688	0.023

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	8	76	0.000	0.001	1.404	1.386	0.002	0.001	0.679	0.023
1	7	8	76	0.000	0.001	1.407	1.385	0.002	0.001	0.691	0.022
2	7	8	76	0.000	0.001	1.410	1.389	0.002	0.001	0.698	0.023
3	7	8	76	0.000	0.001	1.417	1.394	0.002	0.001	0.672	0.023
4	7	8	76	0.000	0.001	1.418	1.396	0.002	0.001	0.686	0.023
5	7	8	76	0.000	0.001	1.416	1.395	0.001	0.001	0.700	0.024
6	7	8	76	0.000	0.001	1.422	1.398	0.001	0.001	0.707	0.024
7	7	8	76	0.000	0.001	1.424	1.399	0.001	0.001	0.676	0.025
8	7	8	76	0.000	0.001	1.420	1.397	0.001	0.001	0.650	0.031
9	7	8	76	0.000	0.001	1.416	1.393	0.001	0.001	0.576	0.034
10	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.576	0.034
11	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.610	0.034
12	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.582	0.033
13	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.561	0.030
14	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.661	0.027
15	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.669	0.027
16	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.710	0.028
17	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.731	0.029
18	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.553	0.026
19	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.474	0.026
20	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.425	0.026
21	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.417	0.026
22	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.370	0.025
23	7	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.414	0.025

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                        RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                       AIR   QUALITY   DATA
HR DY MO YR        SO2      H2S       THC       CH4        NOX      NO        CO       O3
++ ++ ++ ++     +-----------------------------------------------------------------------------+

 0  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.423    0.024

 1  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.406    0.023

 2  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.358    0.025

 3  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.353    0.025

 4  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.370    0.024

 5  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.332    0.024

 6  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.347    0.024

 7  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.312    0.025

 8  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.362    0.028

 9  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.378    0.029

10  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.348    0.031

11  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.379    0.031

12  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.333    0.031

13  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.359    0.031

14  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.377    0.032

15  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.371    0.031

16  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.325    0.032

17  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.336    0.030

18  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.253    0.030

19  8  8 76     0.000    0.001    99.000  99.000      0.000    0.001     0.234    0.026

20  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.238    0.027

21  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.241    0.026

22  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.274    0.024

23  8  8 76     0.000    0.001    99.000  99.000      0.001    0.001     0.256    0.023
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.228	0.028
1	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.301	0.028
2	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.319	0.027
3	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.305	0.026
4	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.314	0.025
5	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.296	0.026
6	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.300	0.026
7	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.323	0.029
8	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.320	0.031
9	9	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.334	0.032
10	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.362	0.036
11	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.472	0.039
12	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.507	0.038
13	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.522	0.037
14	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.506	0.038
15	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.552	0.039
16	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.525	0.039
17	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.588	0.039
18	9	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.693	0.041
19	9	8	76	0.000	0.001	1.330	1.393	0.002	0.001	0.732	0.041
20	9	8	76	0.000	0.001	1.337	1.403	0.002	0.001	0.748	0.040
21	9	8	76	0.000	0.001	1.337	1.406	0.002	0.001	0.728	0.040
22	9	8	76	0.000	0.001	1.336	1.408	0.002	0.001	0.729	0.041
23	9	8	76	0.000	0.001	1.337	1.403	0.002	0.001	0.755	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	8	76	0.000	0.001	1.379	1.372	0.001	0.001	0.435	0.026
1	11	8	76	0.000	0.001	1.382	1.369	0.001	0.001	0.458	0.027
2	11	8	76	0.000	0.001	1.371	1.368	0.001	0.001	0.449	0.026
3	11	8	76	0.000	0.001	1.375	1.375	0.001	0.001	0.452	0.024
4	11	8	76	0.000	0.001	1.373	1.374	0.001	0.001	0.466	0.025
5	11	8	76	0.000	0.001	1.370	1.372	0.001	0.001	0.484	0.025
6	11	8	76	0.000	0.001	1.371	1.369	0.001	0.001	0.473	0.025
7	11	8	76	0.000	0.001	1.375	1.366	0.001	0.001	0.461	0.024
8	11	8	76	0.000	0.001	1.372	1.364	0.001	0.001	0.406	0.025
9	11	8	76	0.000	0.001	1.359	1.350	0.001	0.001	0.427	0.026
10	11	8	76	0.000	0.001	1.344	1.340	0.001	0.001	0.483	0.031
11	11	8	76	0.000	0.001	1.340	1.336	0.001	0.001	0.550	0.033
12	11	8	76	0.000	0.001	1.336	1.333	0.001	0.001	0.601	0.034
13	11	8	76	0.000	0.001	1.344	1.338	0.001	0.001	0.567	0.033
14	11	8	76	0.000	0.001	1.355	1.352	0.001	0.001	0.586	0.035
15	11	8	76	0.000	0.001	1.365	1.361	0.001	0.001	0.621	0.036
16	11	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.455	0.034
17	11	8	76	0.000	0.001	1.376	1.357	0.001	0.001	0.419	0.031
18	11	8	76	0.000	0.001	1.395	1.402	0.001	0.001	0.409	0.028
19	11	8	76	0.000	0.001	1.384	1.397	0.001	0.001	0.286	0.032
20	11	8	76	0.000	0.001	1.378	1.398	0.001	0.001	0.230	0.035
21	11	8	76	0.000	0.001	1.360	1.393	0.001	0.001	0.243	0.033
22	11	8	76	0.000	0.001	1.372	1.395	0.001	0.001	0.216	0.032
23	11	8	76	0.000	0.001	1.378	1.399	0.001	0.001	0.197	0.029

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	8	76	0.000	0.001	1.373	1.404	0.001	0.001	0.167	0.026
1	12	8	76	0.000	0.001	1.365	1.392	0.002	0.001	0.238	0.034
2	12	8	76	0.000	0.001	1.362	1.387	0.002	0.001	0.298	0.032
3	12	8	76	0.000	0.001	1.358	1.386	0.002	0.001	0.315	0.032
4	12	8	76	0.000	0.001	1.358	1.389	0.002	0.001	0.305	0.029
5	12	8	76	0.000	0.001	1.363	1.388	0.002	0.001	0.323	0.031
6	12	8	76	0.000	0.001	1.365	1.388	0.002	0.001	0.350	0.032
7	12	8	76	0.000	0.001	1.380	1.389	0.001	0.001	0.299	0.030
8	12	8	76	0.000	0.001	1.374	1.385	0.001	0.001	0.269	0.031
9	12	8	76	0.000	0.001	1.374	1.377	0.001	0.001	0.170	0.029
10	12	8	76	0.000	0.001	1.354	1.375	0.001	0.001	0.206	0.030
11	12	8	76	0.000	0.001	1.348	1.372	0.001	0.001	0.300	0.036
12	12	8	76	0.000	0.001	1.344	1.370	0.001	0.001	0.364	0.038
13	12	8	76	0.000	0.001	1.344	1.370	0.001	0.001	0.423	0.038
14	12	8	76	0.000	0.001	1.337	1.364	0.001	0.001	0.482	0.039
15	12	8	76	0.000	0.001	1.331	1.359	0.001	0.001	0.532	0.037
16	12	8	76	0.000	0.001	1.324	1.352	0.001	0.001	0.601	0.033
17	12	8	76	0.000	0.001	1.330	1.356	0.001	0.001	0.652	0.033
18	12	8	76	0.000	0.001	1.327	1.359	0.001	0.001	0.669	0.031
19	12	8	76	0.000	0.001	1.327	1.361	0.001	0.001	0.688	0.027
20	12	8	76	0.000	0.001	1.329	1.364	0.002	0.001	0.713	0.024
21	12	8	76	0.000	0.001	1.332	1.369	0.002	0.001	0.732	0.024
22	12	8	76	0.000	0.001	1.333	1.370	0.002	0.001	0.727	0.024
23	12	8	76	0.000	0.001	1.331	1.370	0.002	0.001	0.717	0.024

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                    RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                               AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-------------------------------------------------------------------+

 0 13  8 76    0.000   0.001    1.330   1.369    0.002   0.001    0.698   0.024

 1 13  8 76    0.000   0.001    1.331   1.369    0.002   0.001    0.713   0.025

 2 13  8 76    0.000   0.001    1.343   1.370    0.002   0.001    0.695   0.024

 3 13  8 76    0.000   0.001    1.342   1.376    0.002   0.001    0.685   0.026

 4 13  8 76    0.000   0.001    1.337   1.372    0.001   0.001    0.630   0.027

 5 13  8 76    0.000   0.001    1.346   1.376    0.001   0.001    0.633   0.025

 6 13  8 76    0.000   0.001    1.367   1.378    0.001   0.001    0.629   0.024

 7 13  8 76    0.000   0.001    1.344   1.377    0.001   0.001    0.626   0.024

 8 13  8 76    0.000   0.001    1.336   1.369    0.001   0.001    0.555   0.024

 9 13  8 76    0.000   0.001    1.340   1.370    0.001   0.001    0.561   0.023

10 13  8 76    0.000   0.001    1.344   1.372    0.001   0.001    0.607   0.020

11 13  8 76    0.000   0.001    1.380   1.372    0.001   0.001    0.529   0.028

12 13  8 76    0.000   0.001    1.344   1.364    0.001   0.001    0.450   0.031

13 13  8 76    0.000   0.001    1.335   1.364    0.001   0.001    0.441   0.032

14 13  8 76    0.000   0.001    1.344   1.372    0.001   0.001    0.468   0.032

15 13  8 76    0.000   0.001    1.342   1.371    0.001   0.001    0.502   0.034

16 13  8 76    0.000   0.001    1.328   1.368    0.001   0.001    0.489   0.035

17 13  8 76    0.000   0.001    1.329   1.362    0.001   0.001    0.510   0.035

18 13  8 76    0.000   0.001    1.332   1.368    0.001   0.001    0.493   0.035

19 13  8 76    0.000   0.001    1.328   1.368    0.001   0.001    0.452   0.033

20 13  8 76    0.000   0.001    1.326   1.374    0.001   0.001    0.469   0.033

21 13  8 76    0.000   0.001    1.330   1.375    0.001   0.001    0.493   0.036

22 13  8 76    0.000   0.001    1.331   1.378    0.001   0.001    0.534   0.036

23 13  8 76    0.000   0.001    1.336   1.380    0.001   0.001    0.601   0.034
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                         RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                 AIR   QUALITY   DATA
HR DY MO YR       SO2     H2S       THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++     +-----------------------------------------------------------------+

 0 14  8 76     0.000   0.001    1.334   1.380    0.001   0.001    0.567   0.032

 1 14  8 76     0.000   0.001    1.333   1.380    0.001   0.001    0.510   0.032

 2 14  8 76     0.000   0.001    1.337   1.380    0.001   0.001    0.511   0.033

 3 14  8 76     0.000   0.001    1.336   1.379    0.001   0.001    0.553   0.035

 4 14  8 76     0.000   0.001    1.333   1.380    0.001   0.001    0.550   0.036

 5 14  8 76     0.000   0.001    1.332   1.382    0.001   0.001    0.580   0.036

 6 14  8 76     0.000   0.001    1.333   1.381    0.001   0.001    0.570   0.035

 7 14  8 76     0.000   0.001    1.352   1.389    0.001   0.001    0.622   0.034

 8 14  8 76     0.000   0.001    1.347   1.380    0.001   0.001    0.583   0.032

 9 14  8 76     0.000   0.001    1.339   1.377    0.001   0.001    0.643   0.036

10 14  8 76     0.000   0.001    1.339   1.378    0.001   0.001    0.795   0.040

11 14  8 76     0.000   0.000    1.344   1.380    0.001   0.001    0.833   0.043

12 14  8 76     0.000   0.001    1.346   1.379    0.001   0.001    0.944   0.044

13 14  8 76     0.000   0.000    1.328   1.371    0.001   0.001    0.822   0.041

14 14  8 76     0.000   0.001    1.322   1.370    0.001   0.001    0.772   0.041

15 14  8 76     0.000   0.001    1.313   1.367    0.001   0.001    0.657   0.043

16 14  8 76     0.000   0.001    1.316   1.370    0.001   0.001    0.648   0.044

17 14  8 76     0.000   0.001    1.318   1.369    0.001   0.001    0.661   0.041

18 14  8 76     0.000   0.001    1.314   1.376    0.001   0.001    0.681   0.036

19 14  8 76     0.000   0.001    1.318   1.387    0.001   0.001    0.694   0.035

20 14  8 76     0.000   0.001    1.319   1.383    0.002   0.001    0.717   0.032

21 14  8 76     0.000   0.001    1.320   1.390    0.002   0.001    0.690   0.033

22 14  8 76     0.000   0.001    1.313   1.385    0.002   0.001    0.684   0.033

23 14  8 76     0.000   0.001    1.312   1.382    0.002   0.001    0.712   0.034
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	8	76	0.000	0.001	1.312	1.380	0.002	0.001	0.697	0.034
1	15	8	76	0.000	0.001	1.308	1.377	0.002	0.001	0.681	0.035
2	15	8	76	0.000	0.001	1.308	1.378	0.002	0.001	0.663	0.035
3	15	8	76	0.000	0.001	1.308	1.377	0.001	0.001	0.693	0.034
4	15	8	76	0.000	0.001	1.333	1.376	0.001	0.001	0.674	0.031
5	15	8	76	0.000	0.001	1.324	1.379	0.001	0.001	0.670	0.030
6	15	8	76	0.000	0.001	1.326	1.383	0.002	0.001	0.647	0.029
7	15	8	76	0.000	0.001	1.320	1.384	0.001	0.001	0.590	0.030
8	15	8	76	0.000	0.001	1.314	1.378	0.001	0.001	0.611	0.031
9	15	8	76	0.000	0.001	1.305	1.369	0.001	0.001	0.608	0.032
10	15	8	76	0.000	0.001	1.299	1.362	0.001	0.001	0.552	0.032
11	15	8	76	0.000	0.001	1.297	1.360	0.001	0.001	0.585	0.033
12	15	8	76	0.000	0.001	1.305	1.359	0.001	0.001	0.616	0.033
13	15	8	76	0.000	0.001	1.297	1.357	0.001	0.001	0.534	0.032
14	15	8	76	0.000	0.001	1.294	1.355	0.001	0.001	0.618	0.031
15	15	8	76	0.000	0.001	1.294	1.356	0.001	0.001	0.588	0.030
16	15	8	76	0.000	0.001	1.289	1.356	0.001	0.001	0.599	0.029
17	15	8	76	0.000	0.001	1.295	1.359	0.001	0.001	0.555	0.030
18	15	8	76	0.000	0.001	1.302	1.370	0.001	0.001	0.591	0.032
19	15	8	76	0.000	0.001	1.308	1.376	0.001	0.001	0.626	0.032
20	15	8	76	0.000	0.001	1.306	1.380	0.001	0.001	0.628	0.033
21	15	8	76	0.000	0.001	1.306	1.389	0.002	0.001	0.662	0.033
22	15	8	76	0.000	0.001	1.307	1.390	0.002	0.001	0.638	0.034
23	15	8	76	0.000	0.001	1.311	1.393	0.002	0.001	0.658	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	8	76	0.000	0.001	1.316	1.396	0.001	0.001	0.610	0.036
1	16	8	76	0.000	0.001	1.318	1.399	0.001	0.001	0.615	0.037
2	16	8	76	0.000	0.001	1.315	1.396	0.001	0.001	0.603	0.036
3	16	8	76	0.000	0.001	1.320	1.403	0.001	0.001	0.602	0.035
4	16	8	76	0.000	0.001	1.323	1.404	0.001	0.001	0.576	0.034
5	16	8	76	0.000	0.001	1.327	1.407	0.001	0.001	0.560	0.035
6	16	8	76	0.000	0.001	1.333	1.412	0.001	0.001	0.608	0.035
7	16	8	76	0.000	0.001	1.342	1.412	0.001	0.001	0.570	0.035
8	16	8	76	0.000	0.001	1.335	1.409	0.001	0.001	0.523	0.037
9	16	8	76	0.000	0.001	1.332	1.406	0.001	0.001	0.545	0.037
10	16	8	76	0.000	0.001	1.330	1.404	0.001	0.001	0.556	0.037
11	16	8	76	0.000	0.001	1.326	1.396	0.001	0.001	0.583	0.036
12	16	8	76	0.000	0.000	1.326	1.394	0.001	0.001	0.576	0.036
13	16	8	76	0.000	0.000	1.322	1.391	0.001	0.001	0.543	0.036
14	16	8	76	0.000	0.000	1.316	1.384	0.001	0.001	0.533	0.035
15	16	8	76	0.000	0.001	1.310	1.381	0.001	0.001	0.498	0.033
16	16	8	76	0.000	0.001	1.310	1.375	0.001	0.001	0.490	0.031
17	16	8	76	0.000	0.001	1.312	1.377	0.001	0.001	0.424	0.031
18	16	8	76	0.000	0.001	1.313	1.379	0.001	0.001	0.466	0.031
19	16	8	76	0.000	0.001	1.316	1.383	0.001	0.001	0.484	0.030
20	16	8	76	0.000	0.001	1.323	1.388	0.001	0.001	0.525	0.028
21	16	8	76	0.000	0.001	1.322	1.388	0.001	0.001	0.540	0.026
22	16	8	76	0.000	0.001	1.319	1.389	0.001	0.001	0.527	0.026
23	16	8	76	0.000	0.001	1.310	1.380	0.001	0.001	0.514	0.023

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	17	8	76	0.000	0.001	1.300	1.372	0.001	0.001	0.466	0.021
1	17	8	76	0.000	0.001	1.294	1.369	0.001	0.001	0.467	0.022
2	17	8	76	0.000	0.001	1.297	1.370	0.001	0.001	0.466	0.022
3	17	8	76	0.000	0.001	1.306	1.376	0.001	0.001	0.474	0.022
4	17	8	76	0.000	0.001	1.311	1.375	0.001	0.001	0.473	0.021
5	17	8	76	0.000	0.001	1.310	1.378	0.001	0.001	0.438	0.020
6	17	8	76	0.000	0.001	1.317	1.377	0.001	0.001	0.444	0.019
7	17	8	76	0.000	0.001	1.333	1.381	0.001	0.001	0.415	0.019
8	17	8	76	0.000	0.001	1.319	1.378	0.001	0.001	0.466	0.017
9	17	8	76	0.000	0.001	1.311	1.374	0.001	0.001	0.431	0.021
10	17	8	76	0.000	0.001	1.306	1.369	0.001	0.001	0.427	0.023
11	17	8	76	0.000	0.001	1.300	1.367	0.001	0.001	0.421	0.025
12	17	8	76	0.000	0.001	1.300	1.367	0.001	0.001	0.420	0.026
13	17	8	76	0.000	0.001	1.304	1.367	0.001	0.001	0.383	0.028
14	17	8	76	0.000	0.001	1.301	1.364	0.001	0.001	0.295	0.030
15	17	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.331	0.030
16	17	8	76	0.000	0.001	99.000	99.000	0.000	0.001	0.348	0.030
17	17	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.366	0.030
18	17	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.438	0.029
19	17	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.386	0.028
20	17	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.383	0.028
21	17	8	76	0.000	0.001	1.344	1.308	0.001	0.001	0.335	0.028
22	17	8	76	0.000	0.001	1.357	1.340	0.001	0.001	0.309	0.028
23	17	8	76	0.000	0.001	1.384	1.364	0.001	0.001	0.207	0.027

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	8	76	0.000	0.001	1.375	1.358	0.001	0.000	0.161	0.024
1	18	8	76	0.000	0.001	1.368	1.351	0.001	0.000	0.189	0.020
2	18	8	76	0.000	0.001	1.360	1.347	0.001	0.001	0.248	0.021
3	18	8	76	0.000	0.001	1.357	1.345	0.001	0.001	0.288	0.024
4	18	8	76	0.000	0.001	1.358	1.346	0.001	0.001	0.285	0.025
5	18	8	76	0.000	0.001	1.374	1.346	0.001	0.001	0.249	0.023
6	18	8	76	0.000	0.001	1.359	1.342	0.001	0.001	0.274	0.025
7	18	8	76	0.000	0.001	1.368	1.343	0.001	0.001	0.230	0.023
8	18	8	76	0.000	0.001	1.366	1.340	0.001	0.001	0.175	0.023
9	18	8	76	0.000	0.001	1.367	1.334	0.000	0.000	0.190	0.024
10	18	8	76	0.000	0.001	1.351	1.333	0.001	0.001	0.209	0.026
11	18	8	76	0.000	0.001	1.346	1.330	0.001	0.001	0.265	0.026
12	18	8	76	0.000	0.001	1.338	1.326	0.001	0.001	0.270	0.025
13	18	8	76	0.000	0.001	1.392	1.321	0.001	0.001	0.290	0.025
14	18	8	76	0.000	0.001	1.338	1.315	0.001	0.001	0.336	0.025
15	18	8	76	0.000	0.001	1.327	1.310	0.001	0.001	0.349	0.025
16	18	8	76	0.000	0.001	1.322	1.310	0.001	0.001	0.363	0.025
17	18	8	76	0.000	0.001	1.327	1.317	0.001	0.001	0.414	0.025
18	18	8	76	0.000	0.001	1.337	1.322	0.001	0.001	0.345	0.026
19	18	8	76	0.000	0.001	1.342	1.329	0.001	0.001	0.337	0.026
20	18	8	76	0.000	0.001	1.346	1.335	0.001	0.001	0.355	0.026
21	18	8	76	0.000	0.001	1.352	1.341	0.001	0.001	0.326	0.026
22	18	8	76	0.000	0.001	1.362	1.352	0.001	0.001	0.331	0.025
23	18	8	76	0.000	0.001	1.360	1.346	0.001	0.001	0.306	0.025

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	8	76	0.000	0.001	1.376	1.349	0.001	0.001	0.231	0.025
1	19	8	76	0.000	0.001	1.360	1.346	0.001	0.001	0.251	0.026
2	19	8	76	0.000	0.001	1.373	1.342	0.001	0.001	0.222	0.025
3	19	8	76	0.000	0.001	1.380	1.346	0.001	0.001	0.262	0.026
4	19	8	76	0.000	0.001	1.373	1.349	0.001	0.001	0.259	0.028
5	19	8	76	0.000	0.001	1.374	1.356	0.001	0.001	0.273	0.026
6	19	8	76	0.000	0.001	1.371	1.356	0.001	0.001	0.227	0.026
7	19	8	76	0.000	0.001	1.376	1.354	0.001	0.001	0.212	0.026
8	19	8	76	0.000	0.001	1.372	1.350	0.001	0.001	0.223	0.028
9	19	8	76	0.000	0.001	1.358	1.342	0.001	0.001	0.230	0.028
10	19	8	76	0.000	0.001	1.351	1.336	0.001	0.001	0.275	0.028
11	19	8	76	0.000	0.001	1.341	1.323	0.001	0.001	0.294	0.027
12	19	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.377	0.026
13	19	8	76	0.000	0.001	1.333	1.336	0.001	0.001	0.426	0.026
14	19	8	76	0.000	0.001	1.346	1.334	0.001	0.001	0.417	0.027
15	19	8	76	0.000	0.001	1.353	1.341	0.001	0.001	0.454	0.028
16	19	8	76	0.000	0.001	1.355	1.343	0.001	0.001	0.439	0.028
17	19	8	76	0.000	0.001	1.357	1.345	0.001	0.001	0.462	0.028
18	19	8	76	0.000	0.001	1.367	1.359	0.001	0.001	0.509	0.028
19	19	8	76	0.000	0.001	1.376	1.371	0.001	0.001	0.427	0.027
20	19	8	76	0.000	0.001	1.380	1.376	0.001	0.001	0.395	0.027
21	19	8	76	0.000	0.001	1.388	1.385	0.001	0.001	0.378	0.027
22	19	8	76	0.000	0.001	1.394	1.392	0.001	0.001	0.368	0.028
23	19	8	76	0.000	0.001	1.392	1.394	0.001	0.001	0.364	0.029

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	20	8	76	0.000	0.001	1.386	1.386	0.001	0.001	0.345	0.029
1	20	8	76	0.000	0.001	1.387	1.385	0.001	0.001	0.335	0.029
2	20	8	76	0.000	0.001	1.392	1.389	0.001	0.001	0.329	0.029
3	20	8	76	0.000	0.001	1.397	1.395	0.001	0.001	0.289	0.029
4	20	8	76	0.000	0.001	1.394	1.390	0.001	0.001	0.281	0.028
5	20	8	76	0.000	0.001	1.396	1.391	0.001	0.001	0.274	0.027
6	20	8	76	0.000	0.001	1.399	1.392	0.001	0.001	0.292	0.027
7	20	8	76	0.000	0.001	1.413	1.395	0.001	0.001	0.246	0.026
8	20	8	76	0.000	0.001	1.411	1.396	0.001	0.001	0.217	0.028
9	20	8	76	0.000	0.001	1.404	1.393	0.001	0.001	0.210	0.031
10	20	8	76	0.000	0.000	1.392	1.382	0.001	0.001	0.247	0.032
11	20	8	76	0.000	0.000	1.388	1.379	0.001	0.001	0.298	0.033
12	20	8	76	0.000	0.000	1.386	1.373	0.000	0.001	0.281	0.032
13	20	8	76	0.000	0.000	1.387	1.370	0.001	0.001	0.306	0.032
14	20	8	76	0.000	0.001	1.391	1.374	0.001	0.001	0.311	0.032
15	20	8	76	0.000	0.001	1.389	1.377	0.001	0.001	0.301	0.031
16	20	8	76	0.000	0.001	1.384	1.375	0.001	0.001	0.312	0.031
17	20	8	76	0.000	0.001	1.387	1.380	0.001	0.001	0.276	0.030
18	20	8	76	0.000	0.001	1.391	1.383	0.001	0.001	0.273	0.031
19	20	8	76	0.000	0.001	1.397	1.385	0.001	0.001	0.286	0.030
20	20	8	76	0.000	0.001	1.398	1.390	0.001	0.001	0.286	0.029
21	20	8	76	0.000	0.001	1.401	1.392	0.001	0.001	0.260	0.032
22	20	8	76	0.000	0.001	1.400	1.394	0.001	0.001	0.252	0.033
23	20	8	76	0.000	0.001	1.405	1.399	0.001	0.001	0.249	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	8	76	0.000	0.001	1.402	1.394	0.001	0.001	0.258	0.034
1	21	8	76	0.000	0.001	1.398	1.393	0.001	0.001	0.213	0.034
2	21	8	76	0.000	0.001	1.396	1.392	0.001	0.001	0.255	0.034
3	21	8	76	0.000	0.001	1.404	1.395	0.001	0.001	0.251	0.032
4	21	8	76	0.000	0.001	1.402	1.395	0.001	0.001	0.253	0.031
5	21	8	76	0.000	0.001	1.403	1.398	0.001	0.001	0.244	0.032
6	21	8	76	0.000	0.001	1.403	1.403	0.001	0.001	0.258	0.032
7	21	8	76	0.000	0.001	1.401	1.397	0.001	0.001	0.269	0.031
8	21	8	76	0.000	0.001	1.411	1.394	0.001	0.001	0.242	0.030
9	21	8	76	0.000	0.001	1.407	1.388	0.001	0.001	0.240	0.031
10	21	8	76	0.000	0.001	1.400	1.382	0.001	0.001	0.255	0.031
11	21	8	76	0.000	0.001	1.389	1.373	0.001	0.001	0.256	0.032
12	21	8	76	0.000	0.001	1.389	1.373	0.001	0.001	0.256	0.030
13	21	8	76	0.000	0.000	1.395	1.377	0.001	0.001	0.316	0.031
14	21	8	76	0.000	0.001	1.384	1.373	0.001	0.001	0.242	0.030
15	21	8	76	0.000	0.001	1.391	1.378	0.001	0.001	0.203	0.031
16	21	8	76	0.000	0.001	1.396	1.382	0.001	0.001	0.270	0.031
17	21	8	76	0.000	0.001	1.397	1.387	0.001	0.001	0.248	0.030
18	21	8	76	0.000	0.001	1.401	1.391	0.001	0.001	0.253	0.028
19	21	8	76	0.000	0.001	1.400	1.388	0.001	0.001	0.225	0.026
20	21	8	76	0.000	0.001	1.396	1.390	0.001	0.001	0.271	0.026
21	21	8	76	0.000	0.001	1.400	1.394	0.001	0.001	0.279	0.029
22	21	8	76	0.000	0.001	1.400	1.394	0.001	0.001	0.306	0.029
23	21	8	76	0.000	0.001	1.409	1.399	0.001	0.001	0.367	0.029

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	8	76	0.000	0.001	1.409	1.398	0.001	0.001	0.347	0.029
1	22	8	76	0.000	0.001	1.409	1.399	0.001	0.001	0.330	0.030
2	22	8	76	0.000	0.001	1.409	1.400	0.001	0.001	0.305	0.030
3	22	8	76	0.000	0.001	1.408	1.400	0.001	0.001	0.346	0.030
4	22	8	76	0.000	0.001	1.409	1.401	0.001	0.001	0.369	0.030
5	22	8	76	0.000	0.001	1.408	1.399	0.001	0.001	0.364	0.031
6	22	8	76	0.000	0.001	1.405	1.398	0.001	0.001	0.327	0.031
7	22	8	76	0.000	0.001	1.415	1.401	0.001	0.001	0.265	0.028
8	22	8	76	0.000	0.001	1.413	1.397	0.001	0.001	0.256	0.027
9	22	8	76	0.000	0.000	1.412	1.392	0.001	0.001	0.253	0.026
10	22	8	76	0.000	0.000	1.398	1.385	0.001	0.001	0.223	0.027
11	22	8	76	0.000	0.000	1.391	1.377	0.001	0.001	0.238	0.029
12	22	8	76	0.000	0.000	1.391	1.382	0.001	0.001	0.258	0.028
13	22	8	76	0.000	0.000	1.394	1.391	0.001	0.001	0.204	0.027
14	22	8	76	0.000	0.000	1.397	1.392	0.001	0.001	0.187	0.026
15	22	8	76	0.000	0.001	1.394	1.389	0.001	0.000	0.087	0.027
16	22	8	76	0.000	0.001	1.398	1.386	0.000	0.000	0.014	0.025
17	22	8	76	0.000	0.001	1.388	1.383	0.000	0.000	0.046	0.023
18	22	8	76	0.000	0.001	1.392	1.388	0.001	0.001	0.140	0.027
19	22	8	76	0.000	0.001	1.394	1.391	0.001	0.000	0.100	0.024
20	22	8	76	0.000	0.001	1.389	1.385	0.001	0.001	0.129	0.023
21	22	8	76	0.000	0.001	1.388	1.385	0.001	0.001	0.070	0.022
22	22	8	76	0.000	0.001	1.393	1.387	0.001	0.001	0.057	0.024
23	22	8	76	0.000	0.001	1.393	1.391	0.001	0.001	0.109	0.024

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	8	76	0.000	0.001	1.398	1.397	0.001	0.001	0.126	0.024
1	23	8	76	0.000	0.001	1.398	1.397	0.001	0.001	0.058	0.027
2	23	8	76	0.000	0.001	1.407	1.393	0.001	0.001	0.008	0.025
3	23	8	76	0.000	0.001	1.396	1.389	0.001	0.001	0.046	0.023
4	23	8	76	0.000	0.001	1.401	1.390	0.001	0.001	0.061	0.024
5	23	8	76	0.000	0.001	1.401	1.397	0.001	0.001	0.043	0.025
6	23	8	76	0.000	0.001	1.398	1.393	0.001	0.001	0.000	0.023
7	23	8	76	0.000	0.001	1.408	1.397	0.001	0.001	0.029	0.022
8	23	8	76	0.000	0.001	1.402	1.396	0.001	0.001	0.000	0.027
9	23	8	76	0.000	0.001	1.391	1.387	0.001	0.001	0.013	0.030
10	23	8	76	0.000	0.001	1.389	1.385	0.001	0.001	0.005	0.031
11	23	8	76	0.000	0.001	1.382	1.378	0.001	0.001	0.050	0.031
12	23	8	76	0.000	0.001	1.390	1.381	0.000	0.000	0.000	0.030
13	23	8	76	99.000	99.000	99.000	99.000	0.000	0.000	0.000	0.029
14	23	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.008	0.030
15	23	8	76	99.000	99.000	99.000	99.000	0.000	0.001	0.075	0.031
16	23	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.157	0.030
17	23	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.241	0.033
18	23	8	76	99.000	99.000	99.000	99.000	0.001	0.001	0.267	0.033
19	23	8	76	0.000	0.001	1.443	1.428	0.001	0.001	0.189	0.033
20	23	8	76	0.000	0.001	1.453	1.440	0.001	0.001	0.142	0.032
21	23	8	76	0.000	0.001	1.440	1.431	0.001	0.001	0.161	0.033
22	23	8	76	0.000	0.001	1.430	1.427	0.001	0.001	0.201	0.034
23	23	8	76	0.000	0.001	1.447	1.436	0.001	0.001	0.214	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	8	76	0.000	0.001	1.443	1.437	0.001	0.001	0.239	0.033
1	24	8	76	0.000	0.001	1.446	1.442	0.001	0.001	0.254	0.030
2	24	8	76	0.000	0.000	1.438	1.435	0.001	0.001	0.272	0.032
3	24	8	76	0.000	0.000	1.434	1.432	0.001	0.001	0.253	0.032
4	24	8	76	0.000	0.000	1.430	1.426	0.001	0.001	0.293	0.033
5	24	8	76	0.000	0.000	1.427	1.424	0.001	0.001	0.306	0.035
6	24	8	76	0.000	0.000	1.430	1.427	0.001	0.001	0.301	0.035
7	24	8	76	0.000	0.000	1.435	1.432	0.001	0.001	0.296	0.035
8	24	8	76	0.000	0.000	1.447	1.429	0.001	0.001	0.294	0.038
9	24	8	76	0.000	0.000	1.431	1.418	0.001	0.001	0.300	0.039
10	24	8	76	0.000	0.000	1.422	1.412	0.001	0.001	0.330	0.040
11	24	8	76	0.000	0.000	1.429	1.409	0.000	0.001	0.345	0.040
12	24	8	76	0.000	0.000	1.423	1.407	0.000	0.001	0.349	0.039
13	24	8	76	0.000	0.000	1.418	1.403	0.000	0.000	0.348	0.039
14	24	8	76	0.000	0.000	1.414	1.394	0.000	0.000	0.378	0.039
15	24	8	76	0.000	0.001	1.392	1.392	0.001	0.001	0.407	0.039
16	24	8	76	0.000	0.001	1.398	1.390	0.001	0.001	0.455	0.040
17	24	8	76	0.000	0.001	1.401	1.395	0.001	0.001	0.437	0.039
18	24	8	76	0.000	0.001	1.400	1.397	0.001	0.001	0.465	0.037
19	24	8	76	0.000	0.001	1.402	1.397	0.001	0.001	0.487	0.033
20	24	8	76	0.000	0.001	1.408	1.412	0.001	0.001	0.457	0.033
21	24	8	76	0.000	0.001	1.410	1.416	0.001	0.001	0.453	0.036
22	24	8	76	0.000	0.001	1.412	1.417	0.001	0.001	0.448	0.037
23	24	8	76	0.000	0.001	1.419	1.419	0.001	0.001	0.457	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	8	76	0.000	0.001	1.427	1.428	0.001	0.001	0.490	0.037
1	25	8	76	0.000	0.001	1.438	1.440	0.001	0.001	0.482	0.037
2	25	8	76	0.000	0.001	1.446	1.438	0.001	0.001	0.474	0.038
3	25	8	76	0.000	0.001	1.438	1.433	0.001	0.001	0.435	0.038
4	25	8	76	0.000	0.001	1.433	1.428	0.001	0.001	0.468	0.039
5	25	8	76	0.000	0.001	1.436	1.429	0.001	0.001	0.455	0.039
6	25	8	76	0.000	0.001	1.433	1.429	0.001	0.001	0.448	0.038
7	25	8	76	0.000	0.001	1.433	1.425	0.001	0.001	0.444	0.036
8	25	8	76	0.000	0.001	1.434	1.418	0.001	0.001	0.421	0.035
9	25	8	76	0.000	0.001	1.425	1.411	0.001	0.001	0.428	0.032
10	25	8	76	0.000	0.001	1.423	1.404	0.001	0.001	0.414	0.032
11	25	8	76	0.000	0.001	99.000	99.000	0.001	0.001	0.429	0.037
12	25	8	76	0.000	0.001	1.358	1.351	0.001	0.001	0.459	0.038
13	25	8	76	0.000	0.001	1.411	1.407	0.001	0.001	0.449	0.037
14	25	8	76	0.000	0.001	1.427	1.421	0.001	0.001	0.425	0.036
15	25	8	76	0.000	0.001	1.435	1.418	0.001	0.001	0.441	0.035
16	25	8	76	0.000	0.001	1.420	1.412	0.001	0.001	0.423	0.035
17	25	8	76	0.000	0.001	1.415	1.412	0.001	0.001	0.417	0.036
18	25	8	76	0.000	0.001	1.406	1.402	0.001	0.001	0.398	0.036
19	25	8	76	0.000	0.001	1.410	1.406	0.001	0.001	0.434	0.035
20	25	8	76	0.000	0.001	1.422	1.417	0.001	0.001	0.434	0.033
21	25	8	76	0.000	0.001	1.426	1.423	0.001	0.001	0.440	0.034
22	25	8	76	0.000	0.001	1.421	1.421	0.001	0.001	0.474	0.034
23	25	8	76	0.000	0.001	1.421	1.421	0.001	0.001	0.488	0.034

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                         RIO BLANCO OIL SHALE PROJECT    SITE    ONE

                                 AIR   QUALITY   DATA
HR DY MO YR          SO2      H2S       THC      CH4       NOX      NO         CO       O3
++ ++ ++ ++       +-------------------------------------------------------------------------+

 0 26  8 76      0.000    0.001     1.424    1.423     0.001    0.001     0.495    0.035

 1 26  8 76      0.000    0.001     1.421    1.419     0.001    0.001     0.468    0.034

 2 26  8 76      0.000    0.001     1.420    1.417     0.001    0.001     0.454    0.035

 3 26  8 76      0.000    0.001     1.423    1.419     0.001    0.001     0.424    0.034

 4 26  8 76      0.000    0.001     1.429    1.425     0.001    0.001     0.439    0.033

 5 26  8 76      0.000    0.001     1.422    1.419     0.001    0.001     0.406    0.033

 6 26  8 76      0.000    0.001     1.433    1.426     0.001    0.001     0.389    0.032

 7 26  8 76      0.000    0.001     1.444    1.433     0.001    0.001     0.371    0.031

 8 26  8 76      0.000    0.001     1.422    1.415     0.001    0.001     0.334    0.031

 9 26  8 76      0.000    0.001     1.413    1.407     0.001    0.001     0.304    0.032

10 26  8 76      0.000    0.001     1.401    1.395     0.001    0.001     0.338    0.034

11 26  8 76      0.000    0.001     1.394    1.387     0.001    0.001     0.363    0.035

12 26  8 76      0.000    0.000     1.397    1.388     0.000    0.000     0.349    0.035

13 26  8 76      0.000    0.000     1.413    1.405     0.001    0.000     0.328    0.035

14 26  8 76      0.000    0.000     1.426    1.410     0.001    0.001     0.337    0.036

15 26  8 76      0.000    0.001     1.390    1.380     0.001    0.000     0.311    0.036

16 26  8 76      0.000    0.000     1.378    1.370     0.001    0.000     0.352    0.036

17 26  8 76      0.000    0.000     1.378    1.371     0.001    0.001     0.369    0.038

18 26  8 76      0.000    0.001     1.416    1.403     0.000    0.000     0.241    0.036

19 26  8 76      0.000    0.001     1.417    1.409     0.000    0.000     0.124    0.032

20 26  8 76      0.000    0.001     1.426    1.415     0.000    0.000     0.065    0.027

21 26  8 76      0.000    0.001     1.426    1.413     0.000    0.000     0.044    0.024

22 26  8 76      0.000    0.001     1.425    1.414     0.000    0.000     0.087    0.025

23 26  8 76      0.000    0.001     1.431    1.426     0.000    0.000     0.079    0.025
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	27	8	76	0.000	0.001	1.435	1.426	0.000	0.000	0.058	0.025
1	27	8	76	0.000	0.001	1.435	1.425	0.000	0.000	0.097	0.028
2	27	8	76	0.000	0.001	1.437	1.424	0.000	0.000	0.080	0.028
3	27	8	76	0.000	0.001	1.429	1.420	0.000	0.000	0.071	0.027
4	27	8	76	0.000	0.001	1.422	1.417	0.001	0.000	0.080	0.026
5	27	8	76	0.000	0.001	1.427	1.420	0.001	0.000	0.135	0.027
6	27	8	76	0.000	0.001	1.435	1.426	0.001	0.000	0.168	0.026
7	27	8	76	0.000	0.001	1.443	1.423	0.000	0.000	0.166	0.023
8	27	8	76	0.000	0.001	1.446	1.419	0.000	0.000	0.071	0.021
9	27	8	76	0.000	0.001	1.450	1.423	0.000	0.000	0.153	0.027
10	27	8	76	0.000	0.000	1.453	1.428	0.000	0.000	0.271	0.031
11	27	8	76	0.000	0.000	1.457	1.428	0.000	0.000	0.304	0.032
12	27	8	76	0.000	0.000	1.452	1.430	0.000	0.000	0.367	0.031
13	27	8	76	0.000	0.000	1.446	1.428	0.001	0.000	0.342	0.032
14	27	8	76	0.000	0.000	1.435	1.418	0.001	0.001	0.411	0.034
15	27	8	76	0.000	0.000	1.424	1.410	0.001	0.001	0.460	0.034
16	27	8	76	0.000	0.001	1.422	1.411	0.001	0.001	0.481	0.033
17	27	8	76	0.000	0.001	1.431	1.417	0.001	0.001	0.501	0.034
18	27	8	76	0.000	0.001	1.441	1.426	0.001	0.001	0.525	0.034
19	27	8	76	0.000	0.001	1.447	1.431	0.001	0.001	0.501	0.031
20	27	8	76	0.000	0.001	1.464	1.453	0.001	0.001	0.462	0.031
21	27	8	76	0.000	0.001	1.462	1.458	0.001	0.001	0.470	0.031
22	27	8	76	0.000	0.001	1.465	1.463	0.001	0.001	0.489	0.033
23	27	8	76	0.000	0.001	1.475	1.469	0.001	0.001	0.459	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	28	8	76	0.000	0.001	1.475	1.468	0.001	0.001	0.477	0.035
1	28	8	76	0.000	0.001	1.485	1.469	0.001	0.001	0.460	0.036
2	28	8	76	0.000	0.001	1.488	1.478	0.001	0.001	0.475	0.035
3	28	8	76	0.000	0.001	1.491	1.482	0.001	0.001	0.459	0.034
4	28	8	76	0.000	0.000	1.494	1.485	0.001	0.001	0.430	0.033
5	28	8	76	0.000	0.001	1.487	1.479	0.001	0.001	0.439	0.033
6	28	8	76	0.000	0.001	1.485	1.475	0.001	0.001	0.436	0.033
7	28	8	76	0.000	0.000	1.475	1.465	0.001	0.001	0.421	0.033
8	28	8	76	0.000	0.000	1.476	1.459	0.001	0.001	0.426	0.033
9	28	8	76	0.000	0.000	1.472	1.450	0.001	0.001	0.451	0.033
10	28	8	76	0.000	0.000	1.463	1.444	0.001	0.001	0.479	0.034
11	28	8	76	0.000	0.000	1.456	1.439	0.001	0.001	0.513	0.036
12	28	8	76	0.000	0.000	1.451	1.435	0.001	0.001	0.541	0.036
13	28	8	76	0.000	0.000	1.446	1.432	0.001	0.001	0.511	0.035
14	28	8	76	0.000	0.000	1.447	1.428	0.000	0.000	0.501	0.035
15	28	8	76	0.000	0.000	1.439	1.422	0.000	0.000	0.559	0.036
16	28	8	76	0.000	0.000	1.437	1.420	0.000	0.000	0.550	0.035
17	28	8	76	0.000	0.000	1.475	1.434	0.000	0.000	0.574	0.034
18	28	8	76	0.000	0.000	1.467	1.441	0.001	0.000	0.570	0.033
19	28	8	76	0.000	0.000	1.474	1.447	0.001	0.001	0.579	0.029
20	28	8	76	0.000	0.000	1.483	1.464	0.001	0.001	0.563	0.032
21	28	8	76	0.000	0.000	1.479	1.466	0.001	0.001	0.567	0.034
22	28	8	76	0.000	0.001	1.475	1.466	0.001	0.001	0.564	0.035
23	28	8	76	0.000	0.001	1.475	1.466	0.001	0.001	0.564	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	8	76	0.000	0.001	1.480	1.471	0.001	0.001	0.567	0.035
1	29	8	76	0.000	0.001	1.492	1.474	0.001	0.001	0.567	0.034
2	29	8	76	0.000	0.001	1.479	1.470	0.001	0.001	0.569	0.034
3	29	8	76	0.000	0.001	1.478	1.471	0.001	0.001	0.563	0.035
4	29	8	76	0.000	0.001	1.481	1.471	0.001	0.001	0.595	0.034
5	29	8	76	0.000	0.001	1.478	1.469	0.001	0.001	0.579	0.034
6	29	8	76	0.000	0.001	1.475	1.468	0.001	0.001	0.581	0.034
7	29	8	76	0.000	0.001	1.483	1.471	0.001	0.001	0.583	0.030
8	29	8	76	0.000	0.001	1.485	1.467	0.001	0.001	0.567	0.028
9	29	8	76	0.000	0.001	1.483	1.457	0.001	0.001	0.556	0.028
10	29	8	76	0.000	0.001	1.470	1.453	0.001	0.001	0.572	0.032
11	29	8	76	0.000	0.000	1.460	1.443	0.001	0.001	0.601	0.034
12	29	8	76	0.000	0.000	1.464	1.437	0.000	0.000	0.623	0.035
13	29	8	76	0.000	0.000	1.454	1.433	0.000	0.000	0.608	0.035
14	29	8	76	0.000	0.000	1.455	1.433	0.000	0.000	0.607	0.034
15	29	8	76	0.000	0.000	1.446	1.426	0.000	0.000	0.662	0.034
16	29	8	76	0.000	0.000	1.450	1.434	0.001	0.001	0.659	0.034
17	29	8	76	0.000	0.000	1.439	1.427	0.001	0.001	0.633	0.035
18	29	8	76	0.000	0.000	1.453	1.435	0.001	0.001	0.658	0.035
19	29	8	76	0.000	0.000	1.450	1.435	0.001	0.001	0.710	0.031
20	29	8	76	0.000	0.000	1.468	1.453	0.001	0.001	0.693	0.031
21	29	8	76	0.000	0.001	1.496	1.479	0.001	0.001	0.624	0.032
22	29	8	76	0.000	0.000	1.482	1.466	0.001	0.001	0.617	0.033
23	29	8	76	0.000	0.001	1.480	1.462	0.001	0.001	0.580	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	8	76	0.000	0.001	1.478	1.463	0.001	0.001	0.549	0.031
1	30	8	76	0.000	0.001	1.477	1.461	0.001	0.001	0.576	0.031
2	30	8	76	0.000	0.001	1.475	1.460	0.001	0.001	0.558	0.032
3	30	8	76	0.000	0.000	1.474	1.460	0.001	0.001	0.557	0.032
4	30	8	76	0.000	0.001	1.472	1.460	0.001	0.001	0.555	0.032
5	30	8	76	0.000	0.001	1.473	1.459	0.001	0.001	0.551	0.032
6	30	8	76	0.000	0.001	1.477	1.460	0.001	0.000	0.508	0.033
7	30	8	76	0.000	0.001	1.475	1.455	0.001	0.000	0.512	0.031
8	30	8	76	0.000	0.000	1.482	1.453	0.001	0.000	0.500	0.029
9	30	8	76	0.000	0.000	1.479	1.449	0.001	0.000	0.506	0.029
10	30	8	76	0.000	0.000	1.462	1.438	0.001	0.000	0.529	0.033
11	30	8	76	0.000	0.000	1.448	1.429	0.001	0.000	0.547	0.034
12	30	8	76	0.000	0.000	1.433	1.411	0.001	0.000	0.651	0.034
13	30	8	76	0.000	0.000	1.422	1.399	0.001	0.000	0.698	0.033
14	30	8	76	0.000	0.000	1.424	1.399	0.001	0.000	0.740	0.034
15	30	8	76	0.000	0.000	1.441	1.419	0.000	0.000	0.702	0.034
16	30	8	76	0.000	0.000	1.449	1.420	0.001	0.000	0.692	0.034
17	30	8	76	0.000	0.000	1.457	1.428	0.001	0.000	0.720	0.034
18	30	8	76	0.000	0.000	1.456	1.434	0.001	0.001	0.693	0.035
19	30	8	76	0.000	0.000	1.454	1.436	0.001	0.001	0.680	0.033
20	30	8	76	0.000	0.000	1.460	1.444	0.001	0.001	0.694	0.035
21	30	8	76	0.000	0.000	1.465	1.450	0.001	0.000	0.626	0.035
22	30	8	76	0.000	0.000	1.466	1.448	0.001	0.000	0.594	0.033
23	30	8	76	0.000	0.001	1.481	1.451	0.001	0.000	0.555	0.032

```
                 RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                           AIR  QUALITY  DATA
HR DY MO YR     SO2     H2S     THC     CH4     NOX     NO      CO      O3
++ ++ ++ ++   +--------------------------------------------------------------+

 0 31  8 76   0.000   0.001   1.466   1.455   0.001   0.000   0.556   0.032

 1 31  8 76   0.000   0.000   1.460   1.451   0.001   0.000   0.550   0.033

 2 31  8 76   0.000   0.000   1.457   1.451   0.001   0.000   0.556   0.032

 3 31  8 76   0.000   0.000   1.460   1.451   0.001   0.000   0.548   0.033

 4 31  8 76   0.000   0.000   1.456   1.449   0.001   0.000   0.544   0.030

 5 31  8 76   0.000   0.000   1.459   1.451   0.001   0.000   0.520   0.029

 6 31  8 76   0.000   0.000   1.468   1.451   0.000   0.000   0.551   0.027

 7 31  8 76   0.000   0.000   1.478   1.460   0.000   0.000   0.555   0.026

 8 31  8 76   0.000   0.000   1.484   1.464   0.000   0.000   0.555   0.026

 9 31  8 76   0.000   0.000   1.477   1.452   0.000   0.000   0.526   0.027

10 31  8 76   0.000   0.000   1.462   1.439   0.000   0.000   0.504   0.029

11 31  8 76   0.000   0.000   1.452   1.429   0.000   0.000   0.553   0.030

12 31  8 76   0.000   0.000   1.436   1.419   0.001   0.000   0.564   0.030

13 31  8 76   0.000   0.000   1.428   1.414   0.000   0.000   0.595   0.031

14 31  8 76   0.000   0.000   1.426   1.412   0.000   0.000   0.588   0.031

15 31  8 76   0.000   0.000   1.421   1.411   0.001   0.000   0.651   0.030

16 31  8 76   0.000   0.000   1.426   1.416   0.001   0.000   0.610   0.030

17 31  8 76   0.000   0.000   1.425   1.416   0.001   0.000   0.664   0.030

18 31  8 76   0.000   0.000   1.426   1.419   0.001   0.000   0.663   0.030

19 31  8 76   0.000   0.000   1.434   1.424   0.001   0.000   0.679   0.029

20 31  8 76   0.000   0.000   1.440   1.433   0.001   0.000   0.677   0.027

21 31  8 76   0.000   0.000   1.441   1.436   0.001   0.000   0.662   0.026

22 31  8 76   0.000   0.000   1.447   1.441   0.001   0.000   0.629   0.025

23 31  8 76   0.000   0.000   1.456   1.447   0.001   0.000   0.579   0.026
```

A.1.2

AIR QUALITY DATA FOR SITE 2
1 JUNE 1976 THROUGH 31 AUGUST 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0   1   6  76      0.000    0.002    1.506    1.505

 1   1   6  76      0.000    0.003    1.512    1.505

 2   1   6  76      0.000    0.003    1.509    1.506

 3   1   6  76      0.000    0.003    1.508    1.505

 4   1   6  76      0.000    0.003    1.505    1.507

 5   1   6  76      0.000    0.003    1.506    1.507

 6   1   6  76      0.000    0.003    1.518    1.514

 7   1   6  76      0.000    0.003    1.508    1.506

 8   1   6  76      0.000    0.002    1.502    1.493

 9   1   6  76      0.000    0.002    1.486    1.477

10   1   6  76      0.000    0.003    1.480    1.472

11   1   6  76      0.000    0.002    1.477    1.472

12   1   6  76     99.000   99.000    1.474    1.469

13   1   6  76      0.000    0.002    1.467    1.461

14   1   6  76      0.000    0.002    1.465    1.456

15   1   6  76      0.000    0.003    1.462    1.454

16   1   6  76      0.000    0.002    1.457    1.448

17   1   6  76      0.000    0.002    1.457    1.450

18   1   6  76      0.000    0.002    1.461    1.455

19   1   6  76      0.000    0.002    1.469    1.465

20   1   6  76      0.000    0.002    1.478    1.473

21   1   6  76      0.000    0.002    1.490    1.485

22   1   6  76      0.000    0.002    1.497    1.493

23   1   6  76      0.000    0.003    1.499    1.495
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +-------------------------------+

 0  2  6 76        0.000    0.002    1.499    1.498

 1  2  6 76        0.000    0.003    1.500    1.498

 2  2  6 76        0.000    0.002    1.500    1.499

 3  2  6 76        0.000    0.003    1.501    1.500

 4  2  6 76        0.000    0.002    1.501    1.500

 5  2  6 76        0.000    0.002    1.503    1.501

 6  2  6 76        0.000    0.003    1.508    1.504

 7  2  6 76        0.000    0.002    1.501    1.496

 8  2  6 76        0.000    0.002    1.487    1.481

 9  2  6 76        0.000    0.002    1.475    1.467

10  2  6 76        0.000    0.003    1.466    1.458

11  2  6 76        0.000    0.002    1.461    1.453

12  2  6 76        0.000    0.003    1.460    1.450

13  2  6 76        0.000    0.002    1.461    1.449

14  2  6 76        0.000    0.002    1.463    1.451

15  2  6 76        0.000    0.002    1.458    1.447

16  2  6 76        0.000    0.002    1.454    1.439

17  2  6 76        0.000    0.002    1.460    1.443

18  2  6 76        0.000    0.003    1.465    1.449

19  2  6 76        0.000    0.002    1.466    1.452

20  2  6 76        0.000    0.002    1.475    1.462

21  2  6 76        0.000    0.002    1.486    1.474

22  2  6 76        0.000    0.002    1.491    1.480

23  2  6 76        0.000    0.003    1.496    1.486
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S       THC      CH4
++  ++  ++  ++        +----------------------------------+

 0   3   6  76      0.000     0.002     1.504     1.496

 1   3   6  76      0.000     0.003     1.492     1.484

 2   3   6  76      0.000     0.002     1.488     1.479

 3   3   6  76      0.000     0.002     1.489     1.483

 4   3   6  76      0.000     0.003     1.500     1.489

 5   3   6  76      0.000     0.002     1.508     1.499

 6   3   6  76      0.000     0.002     1.513     1.501

 7   3   6  76      0.000     0.002     1.499     1.488

 8   3   6  76      0.000     0.002     1.483     1.464

 9   3   6  76      0.000     0.002     1.469     1.449

10   3   6  76      0.000     0.002     1.460     1.444

11   3   6  76      0.000     0.002     1.460     1.446

12   3   6  76      0.000     0.002    99.000    99.000

13   3   6  76      0.000     0.002    99.000    99.000

14   3   6  76      0.000     0.002    99.000    99.000

15   3   6  76      0.000     0.002    99.000    99.000

16   3   6  76      0.000     0.002     1.438     1.394

17   3   6  76      0.000     0.002     1.420     1.396

18   3   6  76      0.000     0.002     1.416     1.394

19   3   6  76      0.000     0.002     1.419     1.392

20   3   6  76      0.000     0.002     1.428     1.402

21   3   6  76      0.000     0.002     1.441     1.418

22   3   6  76      0.000     0.002     1.447     1.426

23   3   6  76      0.000     0.002     1.453     1.433
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR  DY  MO  YR      SO2     H2S     THC     CH4
++  ++  ++  ++     +-------------------------------+

 0   4   6  76    0.000   0.002   1.450   1.433

 1   4   6  76    0.000   0.002   1.449   1.432

 2   4   6  76    0.000   0.002   1.447   1.434

 3   4   6  76    0.000   0.002   1.453   1.436

 4   4   6  76    0.000   0.002   1.440   1.425

 5   4   6  76    0.000   0.002   1.442   1.427

 6   4   6  76    0.000   0.002   1.451   1.435

 7   4   6  76    0.000   0.002   1.447   1.432

 8   4   6  76    0.000   0.002   1.437   1.420

 9   4   6  76    0.000   0.002   1.427   1.411

10   4   6  76    0.000   0.002   1.421   1.401

11   4   6  76    0.000   0.002   1.420   1.396

12   4   6  76    0.000   0.002   1.423   1.398

13   4   6  76    0.000   0.002   1.413   1.386

14   4   6  76    0.000   0.002   1.412   1.381

15   4   6  76    0.000   0.002   1.411   1.380

16   4   6  76    0.000   0.002   1.407   1.374

17   4   6  76    0.000   0.002   1.407   1.377

18   4   6  76    0.000   0.002   1.417   1.388

19   4   6  76    0.000   0.002   1.415   1.388

20   4   6  76    0.000   0.002   1.419   1.396

21   4   6  76    0.000   0.002   1.432   1.410

22   4   6  76    0.000   0.002   1.442   1.420

23   4   6  76    0.000   0.002   1.447   1.427
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	5	6	76	0.000	0.002	1.449	1.430
1	5	6	76	0.000	0.002	1.449	1.431
2	5	6	76	0.000	0.002	1.451	1.434
3	5	6	76	0.000	0.002	1.453	1.435
4	5	6	76	0.000	0.002	1.453	1.435
5	5	6	76	0.000	0.002	1.453	1.435
6	5	6	76	0.000	0.002	1.456	1.438
7	5	6	76	0.000	0.002	1.452	1.430
8	5	6	76	0.000	0.002	1.439	1.409
9	5	6	76	0.000	0.002	1.431	1.397
10	5	6	76	0.000	0.002	1.418	1.388
11	5	6	76	0.000	0.002	1.413	1.383
12	5	6	76	0.000	0.002	1.408	1.382
13	5	6	76	0.000	0.002	1.401	1.378
14	5	6	76	0.000	0.002	1.398	1.370
15	5	6	76	0.000	0.002	1.392	1.366
16	5	6	76	0.000	0.002	1.394	1.360
17	5	6	76	0.000	0.002	1.398	1.362
18	5	6	76	0.000	0.002	1.401	1.370
19	5	6	76	0.000	0.002	1.406	1.373
20	5	6	76	0.000	0.002	1.418	1.390
21	5	6	76	0.000	0.002	1.434	1.407
22	5	6	76	0.000	0.002	1.443	1.418
23	5	6	76	0.000	0.002	1.445	1.419

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0   6   6  76     0.000    0.002    1.440    1.415

 1   6   6  76     0.000    0.002    1.441    1.415

 2   6   6  76     0.000    0.002    1.442    1.416

 3   6   6  76     0.000    0.002    1.444    1.420

 4   6   6  76     0.000    0.002    1.447    1.423

 5   6   6  76     0.000    0.002    1.451    1.427

 6   6   6  76     0.000    0.002    1.454    1.427

 7   6   6  76     0.000    0.002    1.446    1.416

 8   6   6  76     0.000    0.002    1.438    1.407

 9   6   6  76     0.000    0.002    1.432    1.398

10   6   6  76     0.000    0.002    1.423    1.391

11   6   6  76     0.000    0.002    1.421    1.387

12   6   6  76     0.000    0.002    1.416    1.382

13   6   6  76     0.000    0.002    1.414    1.379

14   6   6  76     0.000    0.002    1.411    1.379

15   6   6  76     0.000    0.002    1.402    1.369

16   6   6  76     0.000    0.002    1.405    1.373

17   6   6  76     0.000    0.002    1.411    1.378

18   6   6  76     0.000    0.002    1.414    1.379

19   6   6  76     0.000    0.002    1.409    1.376

20   6   6  76     0.000    0.002    1.414    1.382

21   6   6  76     0.000    0.002    1.430    1.396

22   6   6  76     0.000    0.002    1.440    1.408

23   6   6  76     0.000    0.002    1.442    1.414
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++       +--------------------------------+

 0   7   6  76       0.000    0.002    1.447    1.416

 1   7   6  76       0.000    0.002    1.469    1.438

 2   7   6  76       0.000    0.002    1.474    1.444

 3   7   6  76       0.000    0.002    1.472    1.442

 4   7   6  76       0.000    0.002    1.456    1.430

 5   7   6  76       0.000    0.002    1.460    1.433

 6   7   6  76       0.000    0.002    1.457    1.433

 7   7   6  76       0.000    0.002    1.437    1.408

 8   7   6  76       0.000    0.002    1.428    1.393

 9   7   6  76       0.000    0.002    1.399    1.354

10   7   6  76       0.000    0.002    1.376    1.328

11   7   6  76       0.000    0.002    1.357    1.301

12   7   6  76       0.000    0.002    1.344    1.288

13   7   6  76       0.000    0.002    1.340    1.284

14   7   6  76       0.000    0.002    1.339    1.281

15   7   6  76       0.000    0.002    1.345    1.285

16   7   6  76       0.000    0.002    1.342    1.280

17   7   6  76       0.000    0.002    1.352    1.287

18   7   6  76       0.000    0.002    1.359    1.295

19   7   6  76       0.000    0.002    1.374    1.300

20   7   6  76       0.000    0.002    1.372    1.310

21   7   6  76       0.000    0.002    1.382    1.327

22   7   6  76       0.000    0.002    1.390    1.337

23   7   6  76       0.000    0.002    1.394    1.344
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++        +-----------------------------------+

 0   8   6  76       0.000    0.002    1.397    1.348

 1   8   6  76       0.000    0.002    1.399    1.351

 2   8   6  76       0.000    0.002    1.399    1.350

 3   8   6  76       0.000    0.002    1.397    1.352

 4   8   6  76       0.000    0.002    1.400    1.356

 5   8   6  76       0.000    0.002    1.404    1.363

 6   8   6  76       0.000    0.002    1.404    1.365

 7   8   6  76       0.000    0.002    1.400    1.362

 8   8   6  76       0.000    0.002    1.402    1.361

 9   8   6  76       0.000    0.002    1.412    1.373

10   8   6  76       0.000    0.002    1.416    1.378

11   8   6  76       0.000    0.002    1.414    1.378

12   8   6  76       0.000    0.002    1.406    1.373

13   8   6  76       0.000    0.002    1.405    1.372

14   8   6  76       0.000    0.002    1.408    1.375

15   8   6  76       0.000    0.002    1.410    1.376

16   8   6  76       0.000    0.002    1.402    1.371

17   8   6  76       0.000    0.002    1.394    1.368

18   8   6  76       0.000    0.002    1.399    1.371

19   8   6  76       0.000    0.002    1.401    1.378

20   8   6  76       0.000    0.002    1.409    1.382

21   8   6  76       0.000    0.002    1.415    1.390

22   8   6  76       0.000    0.002    1.420    1.394

23   8   6  76       0.000    0.002    1.422    1.394
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +--------------------------------+

 0   9   6  76      0.000    0.002    1.422    1.394

 1   9   6  76      0.000    0.002    1.421    1.395

 2   9   6  76      0.000    0.002    1.421    1.398

 3   9   6  76      0.000    0.002    1.427    1.401

 4   9   6  76      0.000    0.002    1.415    1.386

 5   9   6  76      0.000    0.002    1.400    1.363

 6   9   6  76      0.000    0.002    1.392    1.354

 7   9   6  76      0.000    0.002    1.389    1.346

 8   9   6  76      0.000    0.002    1.390    1.349

 9   9   6  76      0.000    0.002    1.398    1.361

10   9   6  76      0.000    0.002    1.402    1.366

11   9   6  76      0.000    0.002    1.401    1.365

12   9   6  76      0.000    0.002    1.393    1.354

13   9   6  76      0.000    0.002    1.389    1.350

14   9   6  76      0.000    0.002    1.390    1.349

15   9   6  76      0.000    0.002    1.394    1.343

16   9   6  76      0.000    0.002    1.394    1.335

17   9   6  76      0.000    0.002    1.412    1.332

18   9   6  76      0.000    0.002    1.418    1.335

19   9   6  76      0.000    0.002    1.425    1.343

20   9   6  76      0.000    0.002    1.431    1.353

21   9   6  76      0.000    0.002    1.439    1.364

22   9   6  76      0.000    0.002    1.441    1.367

23   9   6  76      0.000    0.002    1.443    1.369
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++        +------------------------------+

 0 10  6 76       0.000    0.002    1.441    1.369

 1 10  6 76       0.000    0.002    1.442    1.368

 2 10  6 76       0.000    0.002    1.441    1.368

 3 10  6 76       0.000    0.002    1.445    1.368

 4 10  6 76       0.000    0.002    1.447    1.372

 5 10  6 76       0.000    0.002    1.448    1.373

 6 10  6 76       0.000    0.002    1.444    1.372

 7 10  6 76       0.000    0.002    1.442    1.367

 8 10  6 76       0.000    0.002    1.437    1.356

 9 10  6 76       0.000    0.002    1.428    1.348

10 10  6 76       0.000    0.002    1.420    1.341

11 10  6 76       0.000    0.002    1.417    1.337

12 10  6 76       0.000    0.002    1.409    1.336

13 10  6 76       0.000    0.002    1.400    1.330

14 10  6 76       0.000    0.002    1.398    1.328

15 10  6 76       0.000    0.002    1.396    1.320

16 10  6 76       0.000    0.002    1.393    1.317

17 10  6 76       0.000    0.002    1.393    1.315

18 10  6 76       0.000    0.002    1.394    1.315

19 10  6 76       0.000    0.002    1.398    1.316

20 10  6 76       0.000    0.002    1.408    1.328

21 10  6 76       0.000    0.002    1.416    1.338

22 10  6 76       0.000    0.002    1.418    1.339

23 10  6 76       0.000    0.002    1.405    1.325
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                  AIR QUALITY DATA
HR  DY  MO  YR     SO2       H2S       THC       CH4
++  ++  ++  ++    +-----------------------------------+

 0  11   6  76    0.000     0.002     1.402     1.323

 1  11   6  76    0.000     0.002     1.402     1.326

 2  11   6  76    0.000     0.002     1.406     1.331

 3  11   6  76    0.000     0.002     1.410     1.337

 4  11   6  76    0.000     0.002     1.411     1.338

 5  11   6  76    0.000     0.002     1.416     1.342

 6  11   6  76    0.000     0.002     1.420     1.348

 7  11   6  76    0.000     0.002     1.425     1.345

 8  11   6  76    0.000     0.002     1.423     1.335

 9  11   6  76    0.000     0.002     1.418     1.325

10  11   6  76    0.000     0.002     1.419     1.327

11  11   6  76    0.000     0.002     1.423     1.329

12  11   6  76    0.000     0.002     1.425     1.333

13  11   6  76    0.000     0.002     1.444     1.357

14  11   6  76    0.000     0.002     1.437     1.370

15  11   6  76    0.000     0.002     1.443     1.375

16  11   6  76    0.000     0.002     1.447     1.378

17  11   6  76    0.000     0.002     1.446     1.377

18  11   6  76    0.000     0.002     1.449     1.380

19  11   6  76    0.000     0.002     1.473     1.403

20  11   6  76    0.000     0.002     1.481     1.414

21  11   6  76    0.000     0.003     1.484     1.422

22  11   6  76    0.000     0.003     1.489     1.430

23  11   6  76    0.000     0.003     1.467     1.409
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++       +------------------------------------+

 0 12  6 76       0.001    0.003    1.440    1.386

 1 12  6 76       0.000    0.002    1.432    1.380

 2 12  6 76       0.000    0.002    1.431    1.379

 3 12  6 76       0.000    0.002    1.435    1.375

 4 12  6 76       0.000    0.002    1.442    1.379

 5 12  6 76       0.000    0.002    1.447    1.383

 6 12  6 76       0.000    0.002    1.445    1.379

 7 12  6 76       0.000    0.002    1.439    1.373

 8 12  6 76       0.000    0.002    1.438    1.369

 9 12  6 76       0.000    0.002    1.447    1.365

10 12  6 76       0.000    0.002    1.432    1.349

11 12  6 76       0.000    0.002    1.428    1.348

12 12  6 76       0.000    0.002    1.434    1.354

13 12  6 76       0.000    0.002    1.434    1.354

14 12  6 76       0.000    0.002    1.440    1.364

15 12  6 76       0.000    0.002    1.455    1.380

16 12  6 76       0.000    0.002    1.458    1.385

17 12  6 76       0.000    0.002    1.462    1.392

18 12  6 76       0.000    0.002    1.464    1.393

19 12  6 76       0.000    0.002    1.462    1.394

20 12  6 76      99.000   99.000   99.000   99.000

21 12  6 76       0.000    0.002    1.407    1.344

22 12  6 76       0.000    0.002    1.456    1.397

23 12  6 76       0.000    0.002    1.463    1.405
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S      THC      CH4
++  ++  ++  ++         +----------------------------------+

 0  13   6  76     0.000    0.002    1.462    1.401

 1  13   6  76     0.000    0.002    1.462    1.395

 2  13   6  76     0.000    0.003    1.464    1.399

 3  13   6  76     0.000    0.002    1.470    1.407

 4  13   6  76     0.000    0.002    1.482    1.415

 5  13   6  76     0.000    0.002    1.484    1.418

 6  13   6  76     0.000    0.002    1.487    1.418

 7  13   6  76     0.000    0.002    1.479    1.412

 8  13   6  76     0.000    0.002    1.464    1.395

 9  13   6  76     0.000    0.002    1.446    1.380

10  13   6  76     0.000    0.002    1.436    1.370

11  13   6  76     0.000    0.002   99.000   99.000

12  13   6  76     0.000    0.002   99.000   99.000

13  13   6  76     0.000    0.002    1.425    1.360

14  13   6  76     0.000    0.002    1.409    1.359

15  13   6  76     0.000    0.002    1.418    1.366

16  13   6  76     0.000    0.002    1.423    1.372

17  13   6  76     0.000    0.002    1.434    1.379

18  13   6  76     0.000    0.002    1.437    1.384

19  13   6  76     0.000    0.002    1.435    1.395

20  13   6  76     0.000    0.002    1.432    1.403

21  13   6  76     0.000    0.002    1.426    1.401

22  13   6  76     0.000    0.002    1.428    1.403

23  13   6  76     0.000    0.002    1.422    1.394
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +-----------------------------+

 0  14   6  76     0.000    0.002    1.421    1.393

 1  14   6  76     0.000    0.003    1.424    1.396

 2  14   6  76     0.000    0.002    1.428    1.398

 3  14   6  76     0.000    0.002    1.436    1.406

 4  14   6  76     0.000    0.002    1.434    1.402

 5  14   6  76     0.000    0.002    1.447    1.410

 6  14   6  76     0.000    0.002    1.447    1.410

 7  14   6  76     0.000    0.002    1.442    1.403

 8  14   6  76     0.000    0.002    1.438    1.402

 9  14   6  76     0.000    0.002    1.437    1.399

10  14   6  76     0.000    0.002    1.448    1.401

11  14   6  76     0.000    0.002    1.449    1.403

12  14   6  76     0.000    0.002    1.438    1.401

13  14   6  76     0.000    0.002    1.426    1.395

14  14   6  76     0.000    0.002    1.420    1.388

15  14   6  76     0.000    0.002    1.415    1.382

16  14   6  76     0.000    0.002    1.410    1.375

17  14   6  76     0.000    0.002    1.411    1.373

18  14   6  76     0.000    0.002    1.429    1.385

19  14   6  76     0.000    0.002    1.433    1.393

20  14   6  76     0.000    0.002    1.444    1.411

21  14   6  76     0.000    0.002    1.449    1.418

22  14   6  76     0.000    0.002    1.444    1.415

23  14   6  76     0.000    0.002    1.446    1.418
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR  DY  MO  YR          SO2     H2S      THC      CH4
++  ++  ++  ++     +--------------------------------+

 0  15   6  76     0.000    0.002    1.446    1.424

 1  15   6  76     0.000    0.002    1.446    1.423

 2  15   6  76     0.000    0.002    1.447    1.423

 3  15   6  76     0.000    0.002    1.444    1.424

 4  15   6  76     0.000    0.002    1.448    1.425

 5  15   6  76     0.000    0.002    1.449    1.427

 6  15   6  76     0.000    0.002    1.448    1.425

 7  15   6  76     0.000    0.002    1.447    1.423

 8  15   6  76     0.000    0.002    1.439    1.413

 9  15   6  76     0.000    0.002    1.433    1.394

10  15   6  76     0.000    0.002    1.427    1.385

11  15   6  76     0.000    0.002    1.420    1.382

12  15   6  76     0.000    0.002    1.420    1.383

13  15   6  76     0.000    0.002    1.424    1.385

14  15   6  76     0.000    0.002    1.452    1.412

15  15   6  76     0.000    0.002    1.461    1.408

16  15   6  76     0.000    0.002    1.453    1.405

17  15   6  76     0.000    0.002    1.445    1.404

18  15   6  76     0.000    0.002    1.443    1.401

19  15   6  76     0.000    0.002    1.449    1.414

20  15   6  76     0.000    0.002    1.455    1.419

21  15   6  76     0.000    0.002    1.462    1.425

22  15   6  76     0.000    0.002    1.465    1.428

23  15   6  76     0.000    0.002    1.458    1.426
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	16	6	76	0.000	0.002	1.457	1.417
1	16	6	76	0.000	0.002	1.456	1.411
2	16	6	76	0.000	0.002	1.453	1.408
3	16	6	76	0.000	0.002	1.450	1.405
4	16	6	76	0.000	0.002	1.447	1.402
5	16	6	76	0.000	0.002	1.445	1.398
6	16	6	76	0.000	0.002	1.443	1.396
7	16	6	76	0.000	0.002	1.442	1.397
8	16	6	76	0.000	0.002	1.438	1.393
9	16	6	76	0.000	0.002	1.428	1.382
10	16	6	76	0.000	0.002	1.427	1.376
11	16	6	76	0.000	0.002	1.421	1.362
12	16	6	76	0.000	0.002	1.421	1.367
13	16	6	76	0.000	0.002	1.416	1.359
14	16	6	76	0.000	0.002	1.421	1.359
15	16	6	76	0.000	0.002	1.446	1.372
16	16	6	76	0.000	0.002	1.465	1.381
17	16	6	76	0.000	0.002	1.430	1.368
18	16	6	76	0.000	0.002	1.424	1.370
19	16	6	76	0.000	0.002	1.421	1.377
20	16	6	76	0.000	0.002	1.425	1.384
21	16	6	76	0.000	0.002	1.430	1.390
22	16	6	76	0.000	0.002	1.442	1.401
23	16	6	76	0.000	0.002	1.445	1.400

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +----------------------------------+

 0 17  6 76         0.000    0.002    1.432    1.386

 1 17  6 76         0.000    0.002    1.403    1.362

 2 17  6 76         0.000    0.002    1.395    1.354

 3 17  6 76         0.000    0.002    1.409    1.368

 4 17  6 76         0.000    0.002    1.389    1.352

 5 17  6 76         0.000    0.002    1.386    1.352

 6 17  6 76         0.000    0.002    1.384    1.357

 7 17  6 76         0.000    0.002    1.383    1.357

 8 17  6 76         0.000    0.002    1.387    1.364

 9 17  6 76         0.000    0.002    1.387    1.363

10 17  6 76         0.000    0.002    1.384    1.357

11 17  6 76         0.000    0.002    1.370    1.351

12 17  6 76         0.000    0.002    1.361    1.352

13 17  6 76         0.000    0.002    1.351    1.354

14 17  6 76         0.000    0.002    1.351    1.352

15 17  6 76         0.000    0.002    1.375    1.367

16 17  6 76         0.000    0.002    1.383    1.363

17 17  6 76         0.000    0.002    1.377    1.356

18 17  6 76         0.000    0.002    1.381    1.358

19 17  6 76         0.000    0.002    1.393    1.369

20 17  6 76         0.000    0.002    1.396    1.376

21 17  6 76         0.000    0.002    1.398    1.385

22 17  6 76         0.000    0.002    1.396    1.393

23 17  6 76         0.000    0.002    1.400    1.393
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                   AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++    +-------------------------------------+

 0 18  6 76    0.000    0.002    1.405    1.391

 1 18  6 76    0.000    0.002    1.404    1.388

 2 18  6 76    0.000    0.002    1.406    1.390

 3 18  6 76    0.000    0.002    1.406    1.393

 4 18  6 76    0.000    0.002    1.409    1.390

 5 18  6 76    0.000    0.002    1.413    1.390

 6 18  6 76    0.000    0.002    1.415    1.389

 7 18  6 76    0.000    0.002    1.410    1.386

 8 18  6 76    0.000    0.002    1.405    1.370

 9 18  6 76    0.000    0.002    1.402    1.363

10 18  6 76    0.000    0.002    1.395    1.369

11 18  6 76    0.000    0.002    1.391    1.364

12 18  6 76    0.000    0.002    1.390    1.359

13 18  6 76    0.000    0.002    1.399    1.361

14 18  6 76    0.000    0.002    1.395    1.363

15 18  6 76    0.000    0.002    1.400    1.369

16 18  6 76    0.000    0.002    1.408    1.372

17 18  6 76    0.000    0.002    1.416    1.379

18 18  6 76    0.000    0.002    1.427    1.386

19 18  6 76    0.000    0.002    1.409    1.376

20 18  6 76    0.000    0.002    1.429    1.397

21 18  6 76    0.000    0.002    1.514    1.474

22 18  6 76    0.000    0.002    1.481    1.442

23 18  6 76    0.000    0.002    1.478    1.440
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR  DY  MO  YR          SO2       H2S       THC       CH4
++  ++  ++  ++      +------------------------------------+

 0  19   6  76      0.000     0.002     1.469     1.433

 1  19   6  76      0.000     0.002     1.477     1.442

 2  19   6  76      0.000     0.002     1.454     1.422

 3  19   6  76      0.000     0.002     1.434     1.404

 4  19   6  76      0.000     0.002     1.428     1.395

 5  19   6  76      0.000     0.002     1.431     1.398

 6  19   6  76      0.000     0.002     1.434     1.399

 7  19   6  76      0.000     0.002     1.427     1.392

 8  19   6  76      0.000     0.002     1.428     1.375

 9  19   6  76      0.000     0.002     1.422     1.374

10  19   6  76      0.000     0.002     1.412     1.371

11  19   6  76      0.000     0.002     1.414     1.375

12  19   6  76      0.000     0.002     1.416     1.377

13  19   6  76      0.000     0.002     1.430     1.385

14  19   6  76      0.000     0.002     1.426     1.379

15  19   6  76      0.000     0.002     1.424     1.370

16  19   6  76      0.000     0.002     1.422     1.378

17  19   6  76      0.000     0.002     1.417     1.376

18  19   6  76      0.000     0.002     1.409     1.368

19  19   6  76      0.000     0.002     1.408     1.363

20  19   6  76      0.000     0.002     1.413     1.366

21  19   6  76      0.000     0.002     1.427     1.380

22  19   6  76      0.000     0.002     1.441     1.392

23  19   6  76      0.000     0.002     1.443     1.397
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR           SO2     H2S     THC     CH4
++ ++ ++ ++         +----------------------------+

 0 20  6 76        0.000   0.002   1.440   1.394

 1 20  6 76        0.000   0.002   1.438   1.393

 2 20  6 76        0.000   0.002   1.436   1.392

 3 20  6 76        0.000   0.002   1.434   1.389

 4 20  6 76        0.000   0.002   1.435   1.392

 5 20  6 76        0.000   0.003   1.432   1.390

 6 20  6 76        0.000   0.002   1.430   1.389

 7 20  6 76        0.000   0.002   1.425   1.381

 8 20  6 76        0.000   0.002   1.431   1.373

 9 20  6 76        0.000   0.002   1.422   1.367

10 20  6 76        0.000   0.002   1.405   1.361

11 20  6 76        0.000   0.002   1.398   1.351

12 20  6 76        0.000   0.002   1.395   1.347

13 20  6 76        0.000   0.002   1.388   1.338

14 20  6 76        0.000   0.002   1.383   1.334

15 20  6 76        0.000   0.002   1.384   1.332

16 20  6 76        0.000   0.002   1.375   1.325

17 20  6 76        0.000   0.002   1.366   1.317

18 20  6 76        0.000   0.002   1.364   1.313

19 20  6 76        0.000   0.002   1.368   1.324

20 20  6 76        0.000   0.002   1.372   1.330

21 20  6 76        0.000   0.002   1.377   1.335

22 20  6 76        0.000   0.002   1.381   1.339

23 20  6 76        0.000   0.002   1.383   1.339
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR         SO2     H2S     THC     CH4
++ ++ ++ ++        +------------------------------+

 0 21  6 76      0.000   0.002   1.387   1.345

 1 21  6 76      0.000   0.002   1.389   1.349

 2 21  6 76      0.000   0.002   1.393   1.351

 3 21  6 76      0.000   0.002   1.395   1.355

 4 21  6 76      0.000   0.002   1.399   1.357

 5 21  6 76      0.000   0.002   1.396   1.357

 6 21  6 76      0.000   0.002   1.397   1.353

 7 21  6 76      0.000   0.002   1.395   1.341

 8 21  6 76      0.000   0.002   1.389   1.333

 9 21  6 76     99.000  99.000  99.000  99.000

10 21  6 76     99.000  99.000  99.000  99.000

11 21  6 76     99.000  99.000  99.000  99.000

12 21  6 76     99.000  99.000  99.000  99.000

13 21  6 76     99.000  99.000  99.000  99.000

14 21  6 76     99.000  99.000  99.000  99.000

15 21  6 76     99.000  99.000  99.000  99.000

16 21  6 76     99.000  99.000  99.000  99.000

17 21  6 76      0.000   0.002   1.358   1.286

18 21  6 76      0.000   0.002   1.358   1.289

19 21  6 76      0.000   0.002   1.362   1.303

20 21  6 76      0.000   0.002   1.370   1.310

21 21  6 76      0.000   0.002   1.376   1.306

22 21  6 76      0.000   0.002   1.365   1.283

23 21  6 76      0.000   0.002   1.353   1.277
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR         SO2       H2S       THC       CH4
++ ++ ++ ++      +------------------------------------+

 0 22  6 76       0.000     0.002     1.346     1.276

 1 22  6 76       0.000     0.002     1.346     1.279

 2 22  6 76       0.000     0.002     1.344     1.291

 3 22  6 76       0.000     0.002     1.345     1.293

 4 22  6 76       0.000     0.002     1.347     1.300

 5 22  6 76       0.000     0.002     1.350     1.304

 6 22  6 76       0.000     0.002     1.355     1.317

 7 22  6 76       0.000     0.002     1.355     1.318

 8 22  6 76       0.000     0.002     1.351     1.314

 9 22  6 76       0.000     0.002     1.336     1.301

10 22  6 76       0.000     0.002     1.326     1.288

11 22  6 76       0.000     0.002     1.319     1.284

12 22  6 76      99.000    99.000    99.000    99.000

13 22  6 76      99.000    99.000    99.000    99.000

14 22  6 76      99.000    99.000    99.000    99.000

15 22  6 76      99.000    99.000    99.000    99.000

16 22  6 76      99.000    99.000    99.000    99.000

17 22  6 76      99.000    99.000    99.000    99.000

18 22  6 76       0.000     0.002     1.360     1.334

19 22  6 76       0.000     0.002     1.376     1.353

20 22  6 76       0.000     0.002     1.387     1.365

21 22  6 76       0.000     0.003     1.374     1.356

22 22  6 76       0.000     0.003     1.370     1.360

23 22  6 76       0.000     0.002     1.362     1.350
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++         +----------------------------+

 0 23  6 76       0.000   0.003   1.367   1.355

 1 23  6 76       0.000   0.003   1.384   1.370

 2 23  6 76       0.000   0.002   1.379   1.367

 3 23  6 76       0.000   0.002   1.380   1.367

 4 23  6 76       0.000   0.002   1.383   1.373

 5 23  6 76       0.000   0.002   1.404   1.393

 6 23  6 76       0.000   0.002   1.414   1.399

 7 23  6 76       0.000   0.002   1.414   1.400

 8 23  6 76       0.000   0.002   1.413   1.394

 9 23  6 76       0.000   0.002   1.414   1.396

10 23  6 76       0.000   0.002   1.417   1.393

11 23  6 76      99.000  99.000  99.000  99.000

12 23  6 76      99.000  99.000  99.000  99.000

13 23  6 76       0.001   0.002   1.400   1.381

14 23  6 76       0.000   0.002   1.401   1.377

15 23  6 76       0.000   0.002   1.403   1.379

16 23  6 76       0.000   0.002   1.400   1.370

17 23  6 76       0.000   0.002   1.395   1.366

18 23  6 76       0.000   0.002   1.412   1.374

19 23  6 76       0.000   0.002   1.414   1.378

20 23  6 76       0.000   0.002   1.418   1.391

21 23  6 76       0.000   0.002   1.425   1.396

22 23  6 76       0.000   0.002   1.430   1.404

23 23  6 76       0.000   0.002   1.441   1.412
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 24  6 76         0.000    0.002    1.434    1.409

 1 24  6 76         0.000    0.002    1.421    1.398

 2 24  6 76         0.000    0.002    1.434    1.410

 3 24  6 76         0.000    0.002    1.443    1.414

 4 24  6 76         0.000    0.002    1.435    1.408

 5 24  6 76         0.000    0.002    1.435    1.408

 6 24  6 76         0.000    0.002    1.447    1.415

 7 24  6 76         0.000    0.002    1.446    1.417

 8 24  6 76         0.000    0.002    1.439    1.408

 9 24  6 76         0.000    0.002    1.437    1.403

10 24  6 76         0.000    0.002    1.445    1.408

11 24  6 76         0.000    0.002    1.434    1.396

12 24  6 76         0.000    0.002    1.427    1.384

13 24  6 76         0.000    0.002    1.421    1.376

14 24  6 76         0.000    0.002    1.418    1.368

15 24  6 76         0.000    0.002    1.417    1.367

16 24  6 76         0.000    0.002    1.418    1.363

17 24  6 76         0.000    0.002    1.413    1.356

18 24  6 76         0.000    0.002    1.410    1.355

19 24  6 76         0.000    0.002    1.432    1.367

20 24  6 76         0.000    0.002    1.432    1.378

21 24  6 76         0.000    0.002    1.439    1.387

22 24  6 76         0.000    0.002    1.445    1.388

23 24  6 76         0.000    0.002    1.451    1.393
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR        SO2     H2S     THC     CH4
++  ++  ++  ++      +-------------------------------+

 0  25   6  76      0.000   0.002   1.451   1.393

 1  25   6  76      0.000   0.002   1.449   1.393

 2  25   6  76      0.000   0.002   1.442   1.393

 3  25   6  76      0.000   0.002   1.439   1.392

 4  25   6  76      0.000   0.002   1.441   1.394

 5  25   6  76      0.000   0.002   1.440   1.394

 6  25   6  76      0.000   0.002   1.437   1.394

 7  25   6  76      0.000   0.002   1.427   1.384

 8  25   6  76      0.000   0.002   1.424   1.377

 9  25   6  76      0.000   0.002   1.427   1.372

10  25   6  76      0.000   0.002   1.412   1.357

11  25   6  76      0.000   0.002   1.406   1.361

12  25   6  76      0.000   0.002   1.400   1.354

13  25   6  76      0.000   0.002   1.395   1.350

14  25   6  76      0.000   0.002   1.388   1.341

15  25   6  76      0.000   0.002   1.378   1.330

16  25   6  76      0.000   0.002   1.368   1.315

17  25   6  76      0.000   0.002   1.367   1.319

18  25   6  76      0.000   0.002   1.370   1.325

19  25   6  76      0.000   0.002   1.377   1.330

20  25   6  76      0.000   0.002   1.379   1.336

21  25   6  76      0.000   0.002   1.385   1.324

22  25   6  76      0.000   0.002   1.389   1.328

23  25   6  76      0.000   0.002   1.391   1.325
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR          SO2       H2S      THC       CH4
++ ++ ++ ++         +------------------------------------+

 0 26  6 76         0.000     0.002     1.392     1.327

 1 26  6 76         0.000     0.002     1.396     1.325

 2 26  6 76         0.000     0.002     1.398     1.325

 3 26  6 76         0.000     0.002     1.400     1.332

 4 26  6 76         0.000     0.002     1.407     1.340

 5 26  6 76         0.000     0.002     1.416     1.352

 6 26  6 76         0.000     0.002     1.430     1.368

 7 26  6 76         0.000     0.002     1.437     1.383

 8 26  6 76         0.000     0.002     1.443     1.387

 9 26  6 76         0.000     0.002     1.440     1.392

10 26  6 76         0.000     0.002     1.436     1.389

11 26  6 76         0.000     0.002     1.430     1.382

12 26  6 76        99.000    99.000    99.000    99.000

13 26  6 76         0.000     0.002     1.305     1.237

14 26  6 76         0.000     0.002     1.430     1.385

15 26  6 76         0.000     0.002     1.441     1.402

16 26  6 76         0.000     0.002     1.439     1.401

17 26  6 76         0.000     0.002     1.438     1.400

18 26  6 76         0.000     0.002     1.440     1.401

19 26  6 76         0.000     0.002     1.445     1.407

20 26  6 76         0.000     0.002     1.456     1.409

21 26  6 76         0.000     0.002     1.469     1.425

22 26  6 76         0.000     0.002     1.478     1.433

23 26  6 76         0.000     0.002     1.505     1.453
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR  DY  MO  YR      SO2     H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0  27   6  76    0.000   0.002    1.499    1.454

 1  27   6  76    0.000   0.002    1.495    1.449

 2  27   6  76    0.000   0.002    1.495    1.449

 3  27   6  76    0.000   0.002    1.496    1.444

 4  27   6  76    0.000   0.002    1.495    1.450

 5  27   6  76    0.000   0.002    1.495    1.449

 6  27   6  76    0.000   0.002    1.492    1.448

 7  27   6  76    0.000   0.002    1.493    1.447

 8  27   6  76    0.000   0.002    1.502    1.430

 9  27   6  76    0.000   0.002    1.496    1.425

10  27   6  76    0.000   0.002    1.474    1.407

11  27   6  76    0.000   0.002    1.461    1.403

12  27   6  76    0.000   0.002    1.458    1.402

13  27   6  76    0.000   0.002    1.468    1.402

14  27   6  76    0.000   0.002    1.450    1.390

15  27   6  76    0.000   0.002    1.433    1.373

16  27   6  76    0.000   0.002    1.423    1.360

17  27   6  76    0.000   0.002    1.422    1.364

18  27   6  76    0.000   0.002    1.434    1.377

19  27   6  76    0.000   0.002    1.441    1.379

20  27   6  76    0.000   0.002    1.461    1.382

21  27   6  76    0.000   0.002    1.481    1.401

22  27   6  76    0.000   0.002    1.510    1.415

23  27   6  76    0.000   0.002    1.501    1.423
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR  DY  MO  YR        SO2       H2S       THC       CH4
++  ++  ++  ++     +------------------------------------+

 0  28   6  76     0.000     0.002     1.485     1.419

 1  28   6  76     0.000     0.002     1.473     1.423

 2  28   6  76     0.000     0.002     1.472     1.422

 3  28   6  76     0.000     0.002     1.475     1.425

 4  28   6  76     0.000     0.002     1.474     1.424

 5  28   6  76     0.000     0.002     1.471     1.424

 6  28   6  76     0.000     0.002     1.476     1.431

 7  28   6  76     0.000     0.002     1.490     1.434

 8  28   6  76     0.000     0.002     1.494     1.429

 9  28   6  76     0.000     0.002     1.519     1.442

10  28   6  76     0.000     0.002     1.512     1.440

11  28   6  76     0.000     0.002     1.499     1.412

12  28   6  76     0.000     0.002     1.537     1.404

13  28   6  76     0.000     0.002     1.568     1.393

14  28   6  76     0.000     0.002     1.520     1.374

15  28   6  76     0.000     0.002     1.480     1.358

16  28   6  76     0.000     0.002     1.471     1.359

17  28   6  76     0.000     0.002     1.487     1.349

18  28   6  76     0.000     0.002     1.483     1.357

19  28   6  76     0.000     0.002     1.476     1.363

20  28   6  76     0.000     0.002     1.465     1.367

21  28   6  76     0.000     0.002     1.469     1.382

22  28   6  76     0.000     0.002     1.466     1.397

23  28   6  76     0.000     0.002     1.468     1.402
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------+

 0 29  6 76     0.000    0.002    1.464    1.388

 1 29  6 76     0.000    0.002    1.461    1.381

 2 29  6 76     0.000    0.002    1.463    1.379

 3 29  6 76     0.000    0.002    1.464    1.381

 4 29  6 76     0.000    0.002    1.461    1.378

 5 29  6 76     0.000    0.002    1.460    1.379

 6 29  6 76     0.000    0.002    1.457    1.374

 7 29  6 76     0.000    0.002    1.452    1.366

 8 29  6 76     0.000    0.002    1.476    1.359

 9 29  6 76     0.000    0.002    1.468    1.344

10 29  6 76     0.000    0.002    1.448    1.342

11 29  6 76     0.000    0.002    1.434    1.332

12 29  6 76     0.000    0.002    1.425    1.352

13 29  6 76     0.000    0.002    1.427    1.342

14 29  6 76     0.000    0.002    1.436    1.348

15 29  6 76     0.000    0.002    1.429    1.353

16 29  6 76     0.000    0.002    1.423    1.349

17 29  6 76     0.000    0.002    1.422    1.351

18 29  6 76     0.000    0.002    1.420    1.343

19 29  6 76     0.000    0.002    1.426    1.339

20 29  6 76     0.000    0.002    1.430    1.353

21 29  6 76     0.000    0.002    1.433    1.358

22 29  6 76     0.000    0.002    1.448    1.374

23 29  6 76     0.000    0.002    1.440    1.367
```

```
                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++         +----------------------------------+

 0 30  6 76         0.000    0.002    1.456    1.374

 1 30  6 76         0.000    0.002    1.458    1.396

 2 30  6 76         0.000    0.002    1.469    1.401

 3 30  6 76         0.000    0.002    1.462    1.390

 4 30  6 76         0.000    0.002    1.451    1.385

 5 30  6 76         0.000    0.002    1.454    1.388

 6 30  6 76         0.000    0.002    1.453    1.390

 7 30  6 76         0.000    0.002    1.465    1.397

 8 30  6 76         0.000    0.002    1.475    1.393

 9 30  6 76         0.000    0.002    1.443    1.371

10 30  6 76         0.000    0.002    1.428    1.365

11 30  6 76         0.000    0.002    1.418    1.359

12 30  6 76         0.000    0.002    1.413    1.356

13 30  6 76         0.000    0.002    1.408    1.349

14 30  6 76         0.000    0.002    1.408    1.359

15 30  6 76         0.000    0.002    1.413    1.366

16 30  6 76         0.000    0.002    1.407    1.363

17 30  6 76         0.000    0.002    1.404    1.361

18 30  6 76         0.000    0.002    1.404    1.357

19 30  6 76         0.000    0.002    1.417    1.364

20 30  6 76         0.000    0.002    1.480    1.412

21 30  6 76         0.000    0.002    1.452    1.391

22 30  6 76         0.000    0.002    1.452    1.404

23 30  6 76         0.000    0.002    1.432    1.396
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR  DY  MO  YR          SO2       H2S       THC       CH4
++  ++  ++  ++      +--------------------------------------+

 0   1   7  76      0.000     0.002     1.427     1.398

 1   1   7  76      0.000     0.002     1.425     1.399

 2   1   7  76      0.000     0.002     1.415     1.388

 3   1   7  76      0.000     0.002     1.400     1.380

 4   1   7  76      0.000     0.002     1.403     1.380

 5   1   7  76      0.000     0.002     1.416     1.390

 6   1   7  76      0.000     0.002     1.418     1.394

 7   1   7  76      0.000     0.002     1.416     1.393

 8   1   7  76      0.000     0.002     1.416     1.390

 9   1   7  76      0.000     0.002     1.415     1.384

10   1   7  76      0.000     0.002     1.407     1.374

11   1   7  76      0.000     0.002     1.400     1.365

12   1   7  76      0.000     0.002     1.395     1.362

13   1   7  76      0.000     0.002     1.391     1.343

14   1   7  76      0.000     0.002     1.393     1.341

15   1   7  76      0.004     0.004     1.356     1.345

16   1   7  76      0.000     0.002     1.409     1.360

17   1   7  76      0.000     0.002     1.408     1.365

18   1   7  76      0.000     0.002     1.398     1.355

19   1   7  76      0.000     0.002     1.393     1.349

20   1   7  76      0.000     0.002     1.400     1.356

21   1   7  76      0.000     0.002     1.410     1.360

22   1   7  76      0.000     0.002     1.415     1.368

23   1   7  76      0.000     0.002     1.416     1.375
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR  DY  MO  YR      SO2     H2S      THC      CH4
++  ++  ++  ++     +------------------------------------+

 0   2   7  76    0.000    0.002    1.416    1.383

 1   2   7  76    0.000    0.002    1.420    1.387

 2   2   7  76    0.000    0.002    1.429    1.394

 3   2   7  76    0.000    0.002    1.433    1.397

 4   2   7  76    0.000    0.002    1.438    1.399

 5   2   7  76    0.000    0.002    1.440    1.405

 6   2   7  76    0.000    0.002    1.444    1.407

 7   2   7  76    0.000    0.002    1.446    1.403

 8   2   7  76    0.000    0.002    1.458    1.384

 9   2   7  76    0.000    0.002    1.438    1.361

10   2   7  76    0.000    0.002    1.410    1.348

11   2   7  76    0.000    0.002    1.394    1.356

12   2   7  76    0.000    0.002    1.391    1.351

13   2   7  76    0.000    0.002    1.388    1.349

14   2   7  76    0.000    0.002    1.390    1.338

15   2   7  76    0.000    0.002    1.387    1.328

16   2   7  76    0.000    0.002    1.388    1.327

17   2   7  76    0.000    0.002    1.390    1.324

18   2   7  76    0.000    0.002    1.397    1.329

19   2   7  76    0.000    0.002    1.405    1.334

20   2   7  76    0.000    0.002    1.411    1.342

21   2   7  76    0.000    0.002    1.424    1.354

22   2   7  76    0.000    0.002    1.443    1.376

23   2   7  76    0.000    0.002    1.458    1.387
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                      AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++       +--------------------------------+

 0   3   7  76       0.000    0.002    1.461    1.395

 1   3   7  76       0.000    0.002    1.460    1.402

 2   3   7  76       0.000    0.002    1.461    1.403

 3   3   7  76       0.000    0.002    1.462    1.407

 4   3   7  76       0.000    0.002    1.463    1.412

 5   3   7  76       0.000    0.002    1.468    1.416

 6   3   7  76       0.000    0.002    1.466    1.419

 7   3   7  76       0.000    0.002    1.453    1.411

 8   3   7  76       0.000    0.002    1.442    1.397

 9   3   7  76       0.000    0.002    1.430    1.374

10   3   7  76       0.000    0.002    1.418    1.357

11   3   7  76       0.000    0.002    1.403    1.339

12   3   7  76       0.000    0.002    1.406    1.328

13   3   7  76       0.000    0.002   99.000   99.000

14   3   7  76       0.000    0.002   99.000   99.000

15   3   7  76       0.000    0.002   99.000   99.000

16   3   7  76       0.000    0.002    1.451    1.411

17   3   7  76       0.000    0.002    1.447    1.422

18   3   7  76       0.000    0.002    1.436    1.419

19   3   7  76       0.000    0.002    1.436    1.420

20   3   7  76       0.000    0.002    1.447    1.424

21   3   7  76       0.000    0.002    1.457    1.433

22   3   7  76       0.000    0.002    1.464    1.444

23   3   7  76       0.000    0.002    1.468    1.446
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++          +------------------------------+

 0  4  7 76       0.000    0.002    1.469    1.441

 1  4  7 76       0.000    0.002    1.469    1.439

 2  4  7 76       0.000    0.002    1.468    1.434

 3  4  7 76       0.003    0.002    1.468    1.433

 4  4  7 76       0.000    0.002    1.470    1.434

 5  4  7 76       0.000    0.002    1.471    1.440

 6  4  7 76       0.000    0.002    1.473    1.440

 7  4  7 76       0.000    0.002    1.465    1.433

 8  4  7 76       0.000    0.002    1.461    1.415

 9  4  7 76       0.000    0.002    1.457    1.401

10  4  7 76       0.000    0.002    1.451    1.392

11  4  7 76       0.000    0.002    1.445    1.410

12  4  7 76       0.000    0.002    1.435    1.390

13  4  7 76       0.000    0.002    1.430    1.378

14  4  7 76       0.000    0.002    1.426    1.369

15  4  7 76       0.000    0.002    1.422    1.360

16  4  7 76       0.000    0.002    1.418    1.349

17  4  7 76       0.000    0.002    1.414    1.352

18  4  7 76       0.000    0.002    1.415    1.343

19  4  7 76       0.000    0.002    1.419    1.351

20  4  7 76       0.000    0.002    1.429    1.377

21  4  7 76       0.000    0.002    1.442    1.405

22  4  7 76       0.000    0.002    1.446    1.417

23  4  7 76       0.000    0.002    1.451    1.419
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                       AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC      CH4
++ ++ ++ ++        +----------------------------------+

 0  5  7 76       0.000    0.002     1.455    1.421

 1  5  7 76       0.000    0.002     1.461    1.413

 2  5  7 76       0.000    0.002     1.470    1.421

 3  5  7 76       0.000    0.002     1.478    1.427

 4  5  7 76       0.000    0.002     1.485    1.424

 5  5  7 76       0.000    0.002     1.493    1.449

 6  5  7 76       0.000    0.002     1.504    1.453

 7  5  7 76       0.000    0.002     1.494    1.439

 8  5  7 76       0.000    0.002     1.480    1.423

 9  5  7 76       0.000    0.002     1.475    1.416

10  5  7 76       0.000    0.002     1.459    1.400

11  5  7 76       0.000    0.002     1.445    1.410

12  5  7 76       0.000    0.002     1.436    1.402

13  5  7 76       0.000    0.002     1.423    1.384

14  5  7 76       0.000    0.002     1.419    1.374

15  5  7 76       0.000    0.002     1.414    1.376

16  5  7 76       0.000    0.002    99.000   99.000

17  5  7 76       0.000    0.002    99.000   99.000

18  5  7 76       0.000    0.002    99.000   99.000

19  5  7 76       0.000    0.002     1.451    1.370

20  5  7 76       0.000    0.002     1.439    1.367

21  5  7 76       0.000    0.002     1.445    1.386

22  5  7 76       0.000    0.002     1.444    1.394

23  5  7 76       0.000    0.002     1.442    1.399
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR  DY  MO  YR       SO2       H2S       THC       CH4
++  ++  ++  ++      +-----------------------------+

 0   6   7  76     0.000     0.002     1.449     1.400

 1   6   7  76     0.000     0.002     1.451     1.401

 2   6   7  76     0.000     0.002     1.444     1.409

 3   6   7  76     0.000     0.002     1.438     1.408

 4   6   7  76     0.000     0.002     1.446     1.419

 5   6   7  76     0.000     0.002     1.446     1.426

 6   6   7  76     0.000     0.002     1.446     1.427

 7   6   7  76     0.000     0.002     1.447     1.426

 8   6   7  76     0.000     0.002     1.456     1.419

 9   6   7  76     0.000     0.002     1.456     1.414

10   6   7  76     0.000     0.002     1.453     1.429

11   6   7  76     0.000     0.002     1.466     1.442

12   6   7  76     0.000     0.002     1.450     1.439

13   6   7  76     0.000     0.002     1.429     1.432

14   6   7  76     0.000     0.002     1.427     1.402

15   6   7  76     0.000     0.002     1.403     1.363

16   6   7  76     0.000     0.002     1.400     1.341

17   6   7  76     0.000     0.002     1.399     1.340

18   6   7  76     0.000     0.002     1.398     1.342

19   6   7  76     0.000     0.002     1.402     1.354

20   6   7  76     0.000     0.002     1.411     1.362

21   6   7  76     0.000     0.002     1.422     1.370

22   6   7  76     0.000     0.002     1.426     1.371

23   6   7  76     0.000     0.002     1.431     1.378
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-----------------------------+

 0  7  7 76        0.000    0.002    1.430    1.383

 1  7  7 76        0.000    0.002    1.421    1.384

 2  7  7 76        0.000    0.002    1.413    1.389

 3  7  7 76        0.000    0.002    1.412    1.393

 4  7  7 76        0.000    0.002    1.409    1.403

 5  7  7 76        0.000    0.002    1.403    1.420

 6  7  7 76        0.000    0.002    1.401    1.427

 7  7  7 76        0.000    0.002    1.397    1.434

 8  7  7 76        0.000    0.002    1.395    1.438

 9  7  7 76        0.000    0.002    1.398    1.449

10  7  7 76        0.000    0.002    1.395    1.457

11  7  7 76       99.000   99.000   99.000   99.000

12  7  7 76        0.000    0.002    1.388    1.455

13  7  7 76        0.000    0.002    1.373    1.449

14  7  7 76        0.000    0.002    1.368    1.447

15  7  7 76        0.000    0.002    1.368    1.454

16  7  7 76        0.000    0.002    1.360    1.450

17  7  7 76        0.000    0.002    1.360    1.450

18  7  7 76        0.000    0.002    1.356    1.447

19  7  7 76        0.000    0.002    1.359    1.451

20  7  7 76        0.000    0.002    1.363    1.456

21  7  7 76        0.000    0.002    1.364    1.459

22  7  7 76        0.000    0.002    1.369    1.467

23  7  7 76        0.000    0.002    1.369    1.466
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++     +-----------------------------------+

 0   8   7  76     0.000    0.002    1.373    1.469

 1   8   7  76     0.000    0.002    1.374    1.469

 2   8   7  76     0.000    0.002    1.374    1.469

 3   8   7  76     0.000    0.002    1.375    1.470

 4   8   7  76     0.000    0.002    1.380    1.469

 5   8   7  76     0.000    0.002    1.385    1.470

 6   8   7  76     0.000    0.002    1.389    1.472

 7   8   7  76     0.000    0.002    1.391    1.471

 8   8   7  76     0.000    0.002    1.391    1.472

 9   8   7  76     0.000    0.002    1.391    1.467

10   8   7  76     0.000    0.002    1.391    1.467

11   8   7  76     0.000    0.002    1.395    1.460

12   8   7  76     0.000    0.002    1.393    1.448

13   8   7  76     0.000    0.002    1.383    1.436

14   8   7  76     0.000    0.002    1.381    1.428

15   8   7  76     0.000    0.002    1.387    1.443

16   8   7  76     0.000    0.002    1.376    1.447

17   8   7  76     0.000    0.002    1.376    1.442

18   8   7  76     0.000    0.002    1.375    1.428

19   8   7  76     0.000    0.002    1.380    1.437

20   8   7  76     0.000    0.002    1.393    1.440

21   8   7  76     0.000    0.002    1.403    1.445

22   8   7  76     0.000    0.002    1.414    1.445

23   8   7  76     0.000    0.002    1.419    1.445
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0   9   7  76     0.000    0.002    1.417    1.438

 1   9   7  76     0.000    0.002    1.419    1.436

 2   9   7  76     0.000    0.002    1.422    1.436

 3   9   7  76     0.000    0.002    1.424    1.437

 4   9   7  76     0.000    0.002    1.425    1.446

 5   9   7  76     0.000    0.002    1.427    1.440

 6   9   7  76     0.000    0.002    1.430    1.431

 7   9   7  76     0.000    0.002    1.430    1.424

 8   9   7  76     0.000    0.002    1.435    1.405

 9   9   7  76     0.000    0.002    1.436    1.403

10   9   7  76     0.000    0.002    1.431    1.395

11   9   7  76     0.000    0.002    1.425    1.386

12   9   7  76     0.000    0.002    1.413    1.373

13   9   7  76     0.000    0.002    1.406    1.366

14   9   7  76     0.000    0.002    1.405    1.368

15   9   7  76     0.000    0.002    1.418    1.377

16   9   7  76     0.000    0.002    1.418    1.372

17   9   7  76     0.000    0.002    1.405    1.368

18   9   7  76     0.000    0.002    1.400    1.354

19   9   7  76     0.000    0.002    1.403    1.356

20   9   7  76     0.000    0.002    1.414    1.370

21   9   7  76     0.000    0.002    1.425    1.378

22   9   7  76     0.000    0.002    1.431    1.380

23   9   7  76     0.000    0.002    1.431    1.389
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	10	7	76	0.000	0.002	1.432	1.393
1	10	7	76	0.000	0.002	1.432	1.399
2	10	7	76	0.000	0.002	1.430	1.395
3	10	7	76	0.000	0.002	1.430	1.392
4	10	7	76	0.000	0.002	1.434	1.398
5	10	7	76	0.000	0.002	1.441	1.414
6	10	7	76	0.000	0.002	1.438	1.418
7	10	7	76	0.000	0.002	1.435	1.412
8	10	7	76	0.000	0.002	1.436	1.408
9	10	7	76	0.000	0.002	1.436	1.400
10	10	7	76	0.000	0.002	1.424	1.399
11	10	7	76	0.000	0.002	1.411	1.394
12	10	7	76	0.000	0.002	1.402	1.376
13	10	7	76	0.000	0.002	1.400	1.384
14	10	7	76	0.000	0.002	1.400	1.380
15	10	7	76	0.000	0.002	1.413	1.388
16	10	7	76	0.000	0.002	1.420	1.386
17	10	7	76	0.000	0.002	1.427	1.387
18	10	7	76	0.000	0.002	1.427	1.386
19	10	7	76	0.000	0.002	1.426	1.388
20	10	7	76	0.000	0.002	1.430	1.397
21	10	7	76	0.000	0.002	1.433	1.414
22	10	7	76	0.000	0.002	1.442	1.430
23	10	7	76	0.000	0.002	1.439	1.429

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++       +------------------------------+

 0  11   7  76     0.000    0.002    1.436    1.450

 1  11   7  76     0.000    0.002    1.435    1.432

 2  11   7  76     0.000    0.002    1.436    1.438

 3  11   7  76     0.000    0.002    1.436    1.446

 4  11   7  76     0.000    0.002    1.436    1.448

 5  11   7  76     0.000    0.002    1.434    1.438

 6  11   7  76     0.000    0.002    1.434    1.438

 7  11   7  76     0.000    0.002    1.431    1.436

 8  11   7  76     0.000    0.002    1.440    1.446

 9  11   7  76     0.000    0.002    1.438    1.428

10  11   7  76     0.000    0.001    1.423    1.425

11  11   7  76     0.000    0.002    1.435    1.416

12  11   7  76     0.000    0.002    1.424    1.406

13  11   7  76     0.000    0.002    1.391    1.393

14  11   7  76     0.000    0.002    1.385    1.388

15  11   7  76     0.000    0.002    1.393    1.397

16  11   7  76     0.000    0.002    1.405    1.394

17  11   7  76     0.000    0.002    1.417    1.403

18  11   7  76     0.000    0.002    1.417    1.410

19  11   7  76     0.000    0.002    1.410    1.411

20  11   7  76     0.000    0.002    1.415    1.413

21  11   7  76     0.000    0.002    1.421    1.425

22  11   7  76     0.000    0.002    1.423    1.440

23  11   7  76     0.000    0.002    1.426    1.451
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	12	7	76	0.000	0.002	1.427	1.453
1	12	7	76	0.000	0.002	1.427	1.454
2	12	7	76	0.000	0.002	1.420	1.453
3	12	7	76	0.000	0.002	1.420	1.457
4	12	7	76	0.000	0.002	1.426	1.463
5	12	7	76	0.000	0.002	1.426	1.465
6	12	7	76	0.000	0.002	1.422	1.462
7	12	7	76	0.000	0.002	1.420	1.461
8	12	7	76	0.000	0.002	1.424	1.463
9	12	7	76	0.000	0.002	1.422	1.459
10	12	7	76	0.000	0.002	1.417	1.456
11	12	7	76	0.000	0.002	1.405	1.445
12	12	7	76	0.000	0.002	1.395	1.433
13	12	7	76	0.000	0.002	1.395	1.436
14	12	7	76	0.000	0.002	1.397	1.436
15	12	7	76	0.000	0.002	1.404	1.432
16	12	7	76	0.000	0.002	1.400	1.437
17	12	7	76	0.000	0.002	1.398	1.434
18	12	7	76	0.000	0.002	1.395	1.433
19	12	7	76	0.000	0.002	1.400	1.439
20	12	7	76	0.000	0.002	1.401	1.448
21	12	7	76	0.000	0.002	1.406	1.458
22	12	7	76	0.000	0.002	1.417	1.472
23	12	7	76	0.000	0.002	1.418	1.472

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0  13   7  76    0.000    0.002    1.415    1.474

 1  13   7  76    0.000    0.002    1.437    1.495

 2  13   7  76    0.000    0.002    1.433    1.495

 3  13   7  76    0.000    0.002    1.424    1.488

 4  13   7  76    0.000    0.002    1.418    1.485

 5  13   7  76    0.000    0.002    1.411    1.480

 6  13   7  76    0.000    0.002    1.410    1.483

 7  13   7  76    0.000    0.002    1.409    1.481

 8  13   7  76    0.000    0.002    1.400    1.471

 9  13   7  76    0.000    0.002    1.402    1.466

10  13   7  76    0.000    0.002    1.408    1.462

11  13   7  76    0.000    0.002    1.398    1.461

12  13   7  76    0.000    0.002    1.396    1.465

13  13   7  76    0.000    0.002    1.383    1.457

14  13   7  76   99.000   99.000   99.000   99.000

15  13   7  76   99.000   99.000   99.000   99.000

16  13   7  76    0.000    0.002    1.371    1.442

17  13   7  76    0.000    0.002    1.371    1.436

18  13   7  76    0.000    0.002    1.387    1.446

19  13   7  76    0.000    0.002    1.395    1.453

20  13   7  76    0.000    0.002    1.397    1.458

21  13   7  76    0.000    0.002    1.405    1.468

22  13   7  76    0.000    0.002    1.411    1.474

23  13   7  76    0.000    0.002    1.412    1.479
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR DY MO YR           SO2       H2S       THC       CH4
++ ++ ++ ++         +-----------------------------------+

 0 14  7 76       0.000     0.002     1.413     1.479

 1 14  7 76       0.000     0.002     1.412     1.480

 2 14  7 76       0.000     0.002     1.416     1.481

 3 14  7 76       0.000     0.002     1.414     1.483

 4 14  7 76       0.000     0.002     1.419     1.487

 5 14  7 76       0.000     0.002     1.430     1.498

 6 14  7 76       0.000     0.002     1.434     1.502

 7 14  7 76       0.000     0.002     1.439     1.506

 8 14  7 76       0.000     0.002     1.432     1.497

 9 14  7 76       0.000     0.002     1.425     1.487

10 14  7 76       0.000     0.002     1.420     1.479

11 14  7 76       0.000     0.002     1.417     1.478

12 14  7 76       0.000     0.002     1.407     1.473

13 14  7 76       0.000     0.002     1.395     1.466

14 14  7 76       0.000     0.002     1.380     1.446

15 14  7 76       0.000     0.002     1.377     1.436

16 14  7 76       0.000     0.002     1.399     1.449

17 14  7 76       0.000     0.002     1.396     1.457

18 14  7 76       0.000     0.002     1.422     1.466

19 14  7 76       0.000     0.002     1.404     1.415

20 14  7 76       0.000     0.002     1.420     1.432

21 14  7 76       0.000     0.002     1.426     1.445

22 14  7 76       0.000     0.002     1.428     1.455

23 14  7 76       0.000     0.002     1.429     1.458
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++         +---------------------------------+

 0 15  7 76        0.000   0.002   1.426   1.461

 1 15  7 76        0.000   0.002   1.415   1.455

 2 15  7 76        0.000   0.002   1.424   1.464

 3 15  7 76        0.000   0.002   1.429   1.466

 4 15  7 76        0.000   0.002   1.439   1.480

 5 15  7 76        0.000   0.002   1.449   1.492

 6 15  7 76        0.000   0.002   1.450   1.493

 7 15  7 76        0.000   0.002   1.455   1.494

 8 15  7 76        0.000   0.002   1.467   1.497

 9 15  7 76        0.000   0.002   1.494   1.506

10 15  7 76        0.000   0.002   1.495   1.495

11 15  7 76        0.000   0.002   1.463   1.463

12 15  7 76        0.000   0.002   1.446   1.443

13 15  7 76        0.000   0.002   1.424   1.418

14 15  7 76        0.000   0.002   1.413   1.399

15 15  7 76        0.000   0.002   1.400   1.390

16 15  7 76        0.000   0.002   1.394   1.375

17 15  7 76        0.000   0.002   1.396   1.370

18 15  7 76        0.000   0.002   1.397   1.373

19 15  7 76        0.000   0.002   1.409   1.388

20 15  7 76        0.000   0.002   1.424   1.403

21 15  7 76        0.000   0.002   1.431   1.419

22 15  7 76        0.000   0.002   1.436   1.421

23 15  7 76        0.000   0.002   1.439   1.424
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR           SO2       H2S       THC       CH4
++  ++  ++  ++          +--------------------------------------+

 0  16   7  76        0.000     0.002     1.443     1.423

 1  16   7  76        0.000     0.002     1.448     1.427

 2  16   7  76        0.000     0.002     1.441     1.422

 3  16   7  76        0.000     0.002     1.445     1.419

 4  16   7  76        0.000     0.002     1.446     1.417

 5  16   7  76        0.000     0.002     1.448     1.420

 6  16   7  76        0.000     0.002     1.448     1.419

 7  16   7  76        0.000     0.002     1.444     1.413

 8  16   7  76        0.000     0.002     1.459     1.422

 9  16   7  76        0.000     0.002     1.446     1.406

10  16   7  76        0.000     0.002     1.440     1.398

11  16   7  76        0.000     0.002     1.439     1.406

12  16   7  76        0.000     0.002     1.434     1.396

13  16   7  76        0.000     0.002     1.427     1.393

14  16   7  76        0.000     0.002     1.419     1.382

15  16   7  76        0.000     0.002     1.413     1.370

16  16   7  76        0.000     0.002     1.425     1.374

17  16   7  76        0.000     0.002     1.484     1.411

18  16   7  76       99.000    99.000    99.000    99.000

19  16   7  76       99.000    99.000    99.000    99.000

20  16   7  76       99.000    99.000     1.457     1.378

21  16   7  76       99.000    99.000     1.496     1.422

22  16   7  76       99.000    99.000     1.486     1.461

23  16   7  76       99.000    99.000     1.441     1.441
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR        SO2     H2S     THC     CH4
++ ++ ++ ++        +-----------------------------+

 0 17  7 76      0.002   0.003   1.431   1.445

 1 17  7 76      0.000   0.001   1.432   1.459

 2 17  7 76      0.000   0.001   1.428   1.458

 3 17  7 76      0.000   0.001   1.429   1.464

 4 17  7 76      0.000   0.001   1.430   1.470

 5 17  7 76      0.000   0.001   1.429   1.474

 6 17  7 76      0.000   0.001   1.425   1.472

 7 17  7 76      0.000   0.001   1.418   1.464

 8 17  7 76      0.000   0.001   1.412   1.457

 9 17  7 76      0.000   0.001   1.411   1.459

10 17  7 76      0.000   0.001   1.402   1.445

11 17  7 76      0.000   0.001  99.000  99.000

12 17  7 76      0.000   0.001  99.000  99.000

13 17  7 76      0.000   0.001  99.000  99.000

14 17  7 76      0.000   0.001  99.000  99.000

15 17  7 76      0.000   0.001   1.462   1.405

16 17  7 76      0.000   0.001   1.422   1.409

17 17  7 76      0.000   0.001   1.409   1.408

18 17  7 76      0.000   0.001   1.435   1.433

19 17  7 76      0.000   0.001   1.434   1.436

20 17  7 76      0.000   0.001   1.437   1.439

21 17  7 76      0.000   0.001   1.440   1.448

22 17  7 76      0.000   0.001   1.440   1.452

23 17  7 76      0.000   0.001   1.440   1.452
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                  AIR QUALITY DATA
HR  DY  MO  YR     SO2      H2S      THC      CH4
++  ++  ++  ++    +------------------------------+

 0  18   7  76    0.000    0.001    1.432    1.447

 1  18   7  76    0.000    0.001    1.427    1.444

 2  18   7  76    0.000    0.001    1.425    1.442

 3  18   7  76    0.000    0.001    1.426    1.441

 4  18   7  76    0.000    0.001    1.425    1.439

 5  18   7  76    0.000    0.001    1.425    1.438

 6  18   7  76    0.000    0.001    1.425    1.441

 7  18   7  76    0.000    0.001    1.430    1.443

 8  18   7  76    0.000    0.001    1.427    1.441

 9  18   7  76    0.000    0.001    1.421    1.437

10  18   7  76    0.000    0.001    1.419    1.429

11  18   7  76    0.000    0.001    1.411    1.422

12  18   7  76    0.000    0.001    1.407    1.420

13  18   7  76    0.000    0.001    1.427    1.436

14  18   7  76    0.000    0.001    1.455    1.464

15  18   7  76    0.000    0.001    1.422    1.431

16  18   7  76    0.000    0.001    1.407    1.418

17  18   7  76    0.000    0.001    1.426    1.438

18  18   7  76    0.000    0.001    1.425    1.437

19  18   7  76    0.000    0.001    1.420    1.440

20  18   7  76    0.000    0.001    1.421    1.446

21  18   7  76    0.000    0.001    1.435    1.460

22  18   7  76    0.000    0.001    1.438    1.464

23  18   7  76    0.000    0.001    1.437    1.464
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR  DY  MO  YR      SO2      H2S      THC      CH4
++  ++  ++  ++     +------------------------------+

 0  19   7  76    0.000    0.001    1.429    1.455

 1  19   7  76    0.000    0.001    1.425    1.451

 2  19   7  76    0.000    0.001    1.419    1.447

 3  19   7  76    0.000    0.002    1.418    1.447

 4  19   7  76    0.000    0.002    1.420    1.451

 5  19   7  76    0.000    0.001    1.422    1.453

 6  19   7  76    0.000    0.002    1.428    1.456

 7  19   7  76    0.000    0.001    1.428    1.458

 8  19   7  76    0.000    0.001    1.423    1.449

 9  19   7  76    0.000    0.001    1.405    1.431

10  19   7  76    0.000    0.001    1.397    1.426

11  19   7  76    0.000    0.001    1.396    1.423

12  19   7  76    0.000    0.001    1.396    1.421

13  19   7  76    0.000    0.001    1.391    1.417

14  19   7  76    0.000    0.001    1.400    1.425

15  19   7  76    0.000    0.001    1.395    1.421

16  19   7  76    0.000    0.001    1.394    1.414

17  19   7  76    0.000    0.001    1.398    1.422

18  19   7  76    0.000    0.001    1.389    1.413

19  19   7  76    0.000    0.001    1.396    1.415

20  19   7  76    0.000    0.001    1.406    1.427

21  19   7  76    0.000    0.001    1.404    1.428

22  19   7  76    0.000    0.001    1.407    1.434

23  19   7  76    0.000    0.001    1.412    1.438
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR  DY  MO  YR            SO2      H2S      THC      CH4
++  ++  ++  ++           +------------------------------+

 0  20   7  76          0.000    0.001    1.442    1.455

 1  20   7  76          0.000    0.001    1.462    1.474

 2  20   7  76          0.000    0.001    1.466    1.473

 3  20   7  76          0.001    0.001    1.438    1.453

 4  20   7  76          0.001    0.001    1.435    1.453

 5  20   7  76          0.001    0.001    1.443    1.461

 6  20   7  76          0.000    0.001    1.438    1.457

 7  20   7  76          0.000    0.001    1.416    1.440

 8  20   7  76          0.000    0.001    1.400    1.429

 9  20   7  76          0.000    0.001    1.391    1.419

10  20   7  76          0.000    0.001    1.391    1.419

11  20   7  76          0.000    0.001    1.388    1.415

12  20   7  76          0.000    0.001    1.388    1.411

13  20   7  76          0.000    0.001    1.388    1.414

14  20   7  76          0.000    0.001    1.403    1.426

15  20   7  76          0.000    0.001    1.404    1.422

16  20   7  76          0.000    0.001    1.393    1.407

17  20   7  76          0.000    0.001    1.386    1.398

18  20   7  76          0.000    0.001    1.392    1.409

19  20   7  76          0.000    0.001    1.395    1.417

20  20   7  76          0.000    0.001    1.409    1.430

21  20   7  76          0.000    0.001    1.406    1.434

22  20   7  76          0.000    0.001    1.405    1.434

23  20   7  76          0.000    0.001    1.407    1.436
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR         SO2     H2S     THC     CH4
++ ++ ++ ++       +-----------------------------+

 0 21  7 76     0.000   0.001   1.417   1.444

 1 21  7 76     0.000   0.001   1.420   1.442

 2 21  7 76     0.000   0.001   1.396   1.422

 3 21  7 76     0.000   0.001   1.386   1.413

 4 21  7 76     0.000   0.001   1.389   1.414

 5 21  7 76     0.000   0.001   1.390   1.415

 6 21  7 76     0.000   0.001   1.389   1.408

 7 21  7 76     0.000   0.001   1.391   1.408

 8 21  7 76     0.000   0.001   1.402   1.422

 9 21  7 76     0.000   0.001   1.404   1.421

10 21  7 76     0.000   0.001   1.403   1.417

11 21  7 76     0.000   0.001   1.396   1.415

12 21  7 76     0.000   0.001   1.392   1.413

13 21  7 76     0.000   0.001   1.442   1.432

14 21  7 76     0.000   0.001   1.468   1.448

15 21  7 76    99.000  99.000  99.000  99.000

16 21  7 76    99.000  99.000  99.000  99.000

17 21  7 76    99.000  99.000  99.000  99.000

18 21  7 76    99.000  99.000  99.000  99.000

19 21  7 76    99.000  99.000  99.000  99.000

20 21  7 76    99.000  99.000  99.000  99.000

21 21  7 76    99.000  99.000  99.000  99.000

22 21  7 76    99.000  99.000  99.000  99.000

23 21  7 76    99.000  99.000  99.000  99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S      THC      CH4
++  ++  ++  ++         +-----------------------------------+

 0  20   7  76         0.000    0.001    1.442    1.455

 1  20   7  76         0.000    0.001    1.462    1.474

 2  20   7  76         0.000    0.001    1.466    1.473

 3  20   7  76         0.001    0.001    1.438    1.453

 4  20   7  76         0.001    0.001    1.435    1.453

 5  20   7  76         0.001    0.001    1.443    1.461

 6  20   7  76         0.000    0.001    1.438    1.457

 7  20   7  76         0.000    0.001    1.416    1.440

 8  20   7  76         0.000    0.001    1.400    1.429

 9  20   7  76         0.000    0.001    1.391    1.419

10  20   7  76         0.000    0.001    1.391    1.419

11  20   7  76         0.000    0.001    1.388    1.415

12  20   7  76         0.000    0.001    1.388    1.411

13  20   7  76         0.000    0.001    1.388    1.414

14  20   7  76         0.000    0.001    1.403    1.426

15  20   7  76         0.000    0.001    1.404    1.422

16  20   7  76         0.000    0.001    1.393    1.407

17  20   7  76         0.000    0.001    1.386    1.398

18  20   7  76         0.000    0.001    1.392    1.409

19  20   7  76         0.000    0.001    1.395    1.417

20  20   7  76         0.000    0.001    1.409    1.430

21  20   7  76         0.000    0.001    1.406    1.434

22  20   7  76         0.000    0.001    1.405    1.434

23  20   7  76         0.000    0.001    1.407    1.436
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2     H2S     THC     CH4
++  ++  ++  ++    +-----------------------------+

 0  21   7  76    0.000   0.001   1.417   1.444

 1  21   7  76    0.000   0.001   1.420   1.442

 2  21   7  76    0.000   0.001   1.396   1.422

 3  21   7  76    0.000   0.001   1.386   1.413

 4  21   7  76    0.000   0.001   1.389   1.414

 5  21   7  76    0.000   0.001   1.390   1.415

 6  21   7  76    0.000   0.001   1.389   1.408

 7  21   7  76    0.000   0.001   1.391   1.408

 8  21   7  76    0.000   0.001   1.402   1.422

 9  21   7  76    0.000   0.001   1.404   1.421

10  21   7  76    0.000   0.001   1.403   1.417

11  21   7  76    0.000   0.001   1.396   1.415

12  21   7  76    0.000   0.001   1.392   1.413

13  21   7  76    0.000   0.001   1.442   1.432

14  21   7  76    0.000   0.001   1.468   1.448

15  21   7  76   99.000  99.000  99.000  99.000

16  21   7  76   99.000  99.000  99.000  99.000

17  21   7  76   99.000  99.000  99.000  99.000

18  21   7  76   99.000  99.000  99.000  99.000

19  21   7  76   99.000  99.000  99.000  99.000

20  21   7  76   99.000  99.000  99.000  99.000

21  21   7  76   99.000  99.000  99.000  99.000

22  21   7  76   99.000  99.000  99.000  99.000

23  21   7  76   99.000  99.000  99.000  99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 22  7 76   99.000   99.000   99.000   99.000

 1 22  7 76   99.000   99.000   99.000   99.000

 2 22  7 76   99.000   99.000   99.000   99.000

 3 22  7 76   99.000   99.000   99.000   99.000

 4 22  7 76   99.000   99.000   99.000   99.000

 5 22  7 76   99.000   99.000   99.000   99.000

 6 22  7 76   99.000   99.000   99.000   99.000

 7 22  7 76   99.000   99.000   99.000   99.000

 8 22  7 76   99.000   99.000   99.000   99.000

 9 22  7 76   99.000   99.000   99.000   99.000

10 22  7 76   99.000   99.000   99.000   99.000

11 22  7 76   99.000   99.000   99.000   99.000

12 22  7 76   99.000   99.000   99.000   99.000

13 22  7 76   99.000   99.000   99.000   99.000

14 22  7 76   99.000   99.000   99.000   99.000

15 22  7 76   99.000   99.000   99.000   99.000

16 22  7 76   99.000   99.000   99.000   99.000

17 22  7 76   99.000   99.000   99.000   99.000

18 22  7 76   99.000   99.000   99.000   99.000

19 22  7 76   99.000   99.000   99.000   99.000

20 22  7 76   99.000   99.000   99.000   99.000

21 22  7 76   99.000   99.000   99.000   99.000

22 22  7 76   99.000   99.000   99.000   99.000

23 22  7 76   99.000   99.000   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++     +-----------------------------------+

 0  23   7  76   99.000   99.000   99.000   99.000

 1  23   7  76   99.000   99.000   99.000   99.000

 2  23   7  76   99.000   99.000   99.000   99.000

 3  23   7  76   99.000   99.000   99.000   99.000

 4  23   7  76   99.000   99.000   99.000   99.000

 5  23   7  76   99.000   99.000   99.000   99.000

 6  23   7  76   99.000   99.000   99.000   99.000

 7  23   7  76   99.000   99.000   99.000   99.000

 8  23   7  76   99.000   99.000   99.000   99.000

 9  23   7  76   99.000   99.000   99.000   99.000

10  23   7  76   99.000   99.000   99.000   99.000

11  23   7  76   99.000   99.000   99.000   99.000

12  23   7  76   99.000   99.000   99.000   99.000

13  23   7  76   99.000   99.000   99.000   99.000

14  23   7  76   99.000   99.000   99.000   99.000

15  23   7  76   99.000   99.000   99.000   99.000

16  23   7  76   99.000   99.000   99.000   99.000

17  23   7  76    0.001    0.002    1.418    1.386

18  23   7  76    0.000    0.001    1.410    1.382

19  23   7  76    0.000    0.001    1.411    1.390

20  23   7  76    0.000    0.001    1.450    1.403

21  23   7  76    0.000    0.001    1.447    1.417

22  23   7  76    0.000    0.001    1.438    1.423

23  23   7  76    0.000    0.001    1.438    1.426
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------+

 0 24  7 76       0.000    0.001    1.439    1.435

 1 24  7 76       0.000    0.001    1.442    1.439

 2 24  7 76       0.000    0.001    1.442    1.441

 3 24  7 76       0.000    0.001    1.445    1.444

 4 24  7 76       0.000    0.001    1.447    1.443

 5 24  7 76       0.000    0.001    1.450    1.443

 6 24  7 76       0.000    0.001    1.452    1.443

 7 24  7 76       0.000    0.001    1.454    1.441

 8 24  7 76       0.000    0.001    1.450    1.438

 9 24  7 76       0.000    0.001    1.442    1.429

10 24  7 76       0.000    0.001    1.439    1.428

11 24  7 76       0.000    0.001    1.427    1.413

12 24  7 76       0.000    0.001    1.421    1.403

13 24  7 76       0.000    0.001    1.418    1.394

14 24  7 76       0.000    0.001    1.416    1.405

15 24  7 76       0.000    0.001    1.420    1.407

16 24  7 76       0.000    0.001    1.413    1.388

17 24  7 76       0.000    0.001    1.402    1.388

18 24  7 76       0.000    0.001    1.408    1.387

19 24  7 76       0.000    0.001    1.415    1.404

20 24  7 76       0.000    0.001    1.426    1.410

21 24  7 76       0.000    0.001   99.000   99.000

22 24  7 76       0.000    0.001    1.451    1.418

23 24  7 76       0.000    0.001    1.442    1.408
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
                      AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 25  7 76     0.000    0.001    1.445    1.411

 1 25  7 76     0.000    0.001    1.438    1.406

 2 25  7 76     0.000    0.001    1.430    1.401

 3 25  7 76     0.000    0.001    1.430    1.401

 4 25  7 76     0.000    0.001    1.433    1.405

 5 25  7 76     0.000    0.001    1.436    1.415

 6 25  7 76     0.000    0.001    1.440    1.416

 7 25  7 76     0.000    0.001    1.446    1.407

 8 25  7 76     0.000    0.001    1.443    1.399

 9 25  7 76     0.000    0.001    1.431    1.393

10 25  7 76    99.000   99.000   99.000   99.000

11 25  7 76    99.000   99.000   99.000   99.000

12 25  7 76    99.000   99.000   99.000   99.000

13 25  7 76    99.000   99.000   99.000   99.000

14 25  7 76    99.000   99.000   99.000   99.000

15 25  7 76    99.000   99.000   99.000   99.000

16 25  7 76    99.000   99.000   99.000   99.000

17 25  7 76    99.000   99.000   99.000   99.000

18 25  7 76    99.000   99.000   99.000   99.000

19 25  7 76    99.000   99.000   99.000   99.000

20 25  7 76    99.000   99.000   99.000   99.000

21 25  7 76    99.000   99.000   99.000   99.000

22 25  7 76    99.000   99.000   99.000   99.000

23 25  7 76    99.000   99.000   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR     SO2     H2S     THC     CH4
++ ++ ++ ++    +-----------------------------+

 0 26  7 76  99.000  99.000  99.000  99.000

 1 26  7 76  99.000  99.000  99.000  99.000

 2 26  7 76  99.000  99.000  99.000  99.000

 3 26  7 76  99.000  99.000  99.000  99.000

 4 26  7 76  99.000  99.000  99.000  99.000

 5 26  7 76  99.000  99.000  99.000  99.000

 6 26  7 76  99.000  99.000  99.000  99.000

 7 26  7 76  99.000  99.000  99.000  99.000

 8 26  7 76  99.000  99.000  99.000  99.000

 9 26  7 76  99.000  99.000  99.000  99.000

10 26  7 76  99.000  99.000  99.000  99.000

11 26  7 76   0.000   0.001   1.426   1.419

12 26  7 76   0.000   0.001   1.445   1.434

13 26  7 76   0.000   0.001   1.430   1.415

14 26  7 76   0.000   0.001   1.428   1.409

15 26  7 76   0.000   0.001   1.454   1.433

16 26  7 76   0.000   0.001   1.427   1.396

17 26  7 76   0.000   0.001   1.429   1.397

18 26  7 76   0.000   0.001   1.413   1.389

19 26  7 76   0.000   0.001   1.424   1.396

20 26  7 76   0.000   0.001   1.437   1.396

21 26  7 76   0.000   0.001   1.442   1.413

22 26  7 76   0.000   0.001   1.434   1.412

23 26  7 76   0.000   0.001   1.422   1.407
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +-----------------------------------+

 0  27   7  76     0.000    0.001    1.409    1.399

 1  27   7  76    99.000   99.000   99.000   99.000

 2  27   7  76    99.000   99.000   99.000   99.000

 3  27   7  76    99.000   99.000   99.000   99.000

 4  27   7  76    99.000   99.000   99.000   99.000

 5  27   7  76    99.000   99.000   99.000   99.000

 6  27   7  76    99.000   99.000   99.000   99.000

 7  27   7  76    99.000   99.000   99.000   99.000

 8  27   7  76    99.000   99.000   99.000   99.000

 9  27   7  76    99.000   99.000   99.000   99.000

10  27   7  76    99.000   99.000   99.000   99.000

11  27   7  76    99.000   99.000   99.000   99.000

12  27   7  76     0.000    0.001    1.384    1.366

13  27   7  76     0.000    0.001    1.363    1.319

14  27   7  76     0.000    0.001    1.354    1.302

15  27   7  76     0.000    0.001    1.347    1.293

16  27   7  76     0.000    0.001    1.340    1.280

17  27   7  76     0.000    0.001    1.341    1.278

18  27   7  76     0.000    0.001    1.375    1.294

19  27   7  76     0.000    0.001    1.416    1.324

20  27   7  76     0.000    0.001    1.435    1.334

21  27   7  76     0.000    0.001    1.468    1.365

22  27   7  76     0.000    0.001    1.463    1.377

23  27   7  76     0.000    0.001    1.458    1.390
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0  28   7  76      0.000    0.001    1.453    1.394

 1  28   7  76      0.000    0.001    1.449    1.401

 2  28   7  76      0.000    0.001    1.454    1.403

 3  28   7  76      0.000    0.001    1.463    1.415

 4  28   7  76      0.000    0.001    1.463    1.418

 5  28   7  76      0.000    0.001    1.462    1.419

 6  28   7  76      0.000    0.001    1.464    1.422

 7  28   7  76      0.000    0.001    1.453    1.414

 8  28   7  76      0.000    0.001    1.452    1.410

 9  28   7  76      0.000    0.001    1.445    1.401

10  28   7  76      0.000    0.001    1.429    1.387

11  28   7  76      0.000    0.001    1.419    1.372

12  28   7  76      0.000    0.001    1.416    1.363

13  28   7  76      0.000    0.001    1.416    1.366

14  28   7  76      0.000    0.001    1.416    1.359

15  28   7  76      0.000    0.001    1.407    1.352

16  28   7  76      0.000    0.001    1.406    1.356

17  28   7  76      0.000    0.001    1.400    1.345

18  28   7  76      0.000    0.001    1.398    1.334

19  28   7  76      0.000    0.001    1.404    1.337

20  28   7  76      0.000    0.001    1.412    1.354

21  28   7  76      0.000    0.001    1.426    1.374

22  28   7  76      0.000    0.001    1.446    1.385

23  28   7  76      0.000    0.001    1.443    1.388
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++         +----------------------------+

 0 29  7 76      0.000    0.001    1.432    1.384

 1 29  7 76      0.000    0.001    1.435    1.392

 2 29  7 76      0.000    0.001    1.433    1.394

 3 29  7 76      0.000    0.001    1.432    1.391

 4 29  7 76      0.000    0.001    1.432    1.395

 5 29  7 76      0.000    0.001    1.435    1.395

 6 29  7 76      0.000    0.001    1.437    1.404

 7 29  7 76      0.000    0.001    1.436    1.400

 8 29  7 76      0.000    0.001    1.433    1.396

 9 29  7 76      0.000    0.001    1.421    1.384

10 29  7 76      0.000    0.001    1.413    1.370

11 29  7 76      0.000    0.001    1.403    1.357

12 29  7 76      0.000    0.001    1.396    1.349

13 29  7 76      0.000    0.001    1.395    1.342

14 29  7 76      0.000    0.001    1.390    1.334

15 29  7 76      0.000    0.001   99.000   99.000

16 29  7 76      0.000    0.001   99.000   99.000

17 29  7 76      0.000    0.001   99.000   99.000

18 29  7 76      0.000    0.001   99.000   99.000

19 29  7 76      0.000    0.001   99.000   99.000

20 29  7 76      0.000    0.001   99.000   99.000

21 29  7 76      0.000    0.001   99.000   99.000

22 29  7 76      0.000    0.001   99.000   99.000

23 29  7 76      0.000    0.001   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC       CH4
++ ++ ++ ++      +---------------------------------------+

 0 30  7 76       0.000    0.001    99.000    99.000
 1 30  7 76       0.000    0.001    99.000    99.000
 2 30  7 76       0.000    0.001    99.000    99.000
 3 30  7 76       0.000    0.001    99.000    99.000
 4 30  7 76       0.000    0.001    99.000    99.000
 5 30  7 76       0.000    0.001    99.000    99.000
 6 30  7 76       0.000    0.001    99.000    99.000
 7 30  7 76       0.000    0.001    99.000    99.000
 8 30  7 76       0.000    0.001    99.000    99.000
 9 30  7 76       0.000    0.001    99.000    99.000
10 30  7 76       0.000    0.001    99.000    99.000
11 30  7 76       0.000    0.001    99.000    99.000
12 30  7 76       0.000    0.001    99.000    99.000
13 30  7 76      99.000   99.000    99.000    99.000
14 30  7 76       0.000    0.001    99.000    99.000
15 30  7 76       0.000    0.001    99.000    99.000
16 30  7 76       0.000    0.001    99.000    99.000
17 30  7 76       0.000    0.001     1.278     1.296
18 30  7 76       0.000    0.001     1.269     1.302
19 30  7 76       0.000    0.001     1.266     1.301
20 30  7 76       0.000    0.001     1.271     1.305
21 30  7 76       0.000    0.001     1.281     1.315
22 30  7 76       0.000    0.001     1.280     1.316
23 30  7 76       0.000    0.001     1.280     1.319
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                  AIR QUALITY DATA
HR DY MO YR        SO2     H2S     THC     CH4
++ ++ ++ ++     +----------------------------+

 0 31  7 76  99.000  99.000  99.000  99.000

 1 31  7 76  99.000  99.000  99.000  99.000

 2 31  7 76  99.000  99.000  99.000  99.000

 3 31  7 76  99.000  99.000  99.000  99.000

 4 31  7 76  99.000  99.000  99.000  99.000

 5 31  7 76  99.000  99.000  99.000  99.000

 6 31  7 76  99.000  99.000  99.000  99.000

 7 31  7 76  99.000  99.000  99.000  99.000

 8 31  7 76  99.000  99.000  99.000  99.000

 9 31  7 76  99.000  99.000  99.000  99.000

10 31  7 76  99.000  99.000  99.000  99.000

11 31  7 76  99.000  99.000  99.000  99.000

12 31  7 76  99.000  99.000  99.000  99.000

13 31  7 76  99.000  99.000  99.000  99.000

14 31  7 76  99.000  99.000  99.000  99.000

15 31  7 76   0.000   0.001   1.261   1.273

16 31  7 76   0.000   0.001   1.359   1.270

17 31  7 76   0.000   0.001   1.275   1.273

18 31  7 76   0.000   0.001   1.250   1.281

19 31  7 76   0.000   0.002   1.408   1.277

20 31  7 76   0.000   0.001   1.471   1.287

21 31  7 76   0.000   0.001   1.293   1.301

22 31  7 76   0.000   0.001   1.276   1.309

23 31  7 76   0.000   0.001   1.282   1.319
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
                   AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++     +------------------------------+

 0  1  8 76     0.000    0.001    1.277    1.314

 1  1  8 76     0.000    0.001    1.260    1.301

 2  1  8 76     0.000    0.001    1.260    1.283

 3  1  8 76     0.000    0.001    1.243    1.272

 4  1  8 76     0.000    0.001    1.227    1.271

 5  1  8 76     0.000    0.001    1.251    1.284

 6  1  8 76     0.000    0.001    1.274    1.311

 7  1  8 76     0.000    0.001    1.282    1.322

 8  1  8 76     0.000    0.001    1.277    1.320

 9  1  8 76     0.000    0.001    1.329    1.291

10  1  8 76     0.000    0.002    1.239    1.276

11  1  8 76     0.000    0.001    1.178    1.268

12  1  8 76     0.000    0.001    1.272    1.276

13  1  8 76     0.000    0.001    1.254    1.287

14  1  8 76     0.000    0.001    1.247    1.287

15  1  8 76     0.000    0.001    1.270    1.277

16  1  8 76     0.000    0.001    1.242    1.267

17  1  8 76     0.000    0.001    1.235    1.270

18  1  8 76     0.000    0.001    1.239    1.278

19  1  8 76     0.000    0.001    1.249    1.289

20  1  8 76     0.000    0.001    1.241    1.281

21  1  8 76     0.000    0.001    1.291    1.270

22  1  8 76     0.000    0.001    1.273    1.268

23  1  8 76     0.000    0.001    1.243    1.268
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0   2   8  76      0.000    0.001    1.289    1.267

 1   2   8  76      0.000    0.001    1.251    1.279

 2   2   8  76      0.000    0.001    1.265    1.297

 3   2   8  76      0.000    0.001    1.279    1.307

 4   2   8  76      0.000    0.001    1.284    1.312

 5   2   8  76      0.000    0.001    1.270    1.303

 6   2   8  76      0.000    0.001    1.248    1.285

 7   2   8  76      0.000    0.001    1.252    1.272

 8   2   8  76      0.000    0.001    1.216    1.266

 9   2   8  76      0.000    0.001    1.288    1.268

10   2   8  76      0.000    0.001    1.181    1.261

11   2   8  76      0.000    0.001    1.260    1.263

12   2   8  76      0.000    0.001    1.296    1.272

13   2   8  76      0.000    0.001    1.257    1.282

14   2   8  76      0.000    0.001    1.249    1.282

15   2   8  76      0.000    0.001    1.251    1.283

16   2   8  76      0.000    0.001    1.242    1.277

17   2   8  76      0.000    0.001    1.236    1.272

18   2   8  76      0.000    0.001    1.238    1.272

19   2   8  76      0.000    0.001    1.242    1.275

20   2   8  76      0.000    0.001    1.251    1.283

21   2   8  76      0.000    0.001    1.259    1.288

22   2   8  76      0.000    0.001    1.275    1.299

23   2   8  76      0.000    0.001    1.291    1.309
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                      AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++           +----------------------------------+

 0  3  8 76         0.000    0.001    1.274    1.298

 1  3  8 76         0.000    0.001    1.248    1.279

 2  3  8 76         0.000    0.001    1.306    1.270

 3  3  8 76         0.000    0.001    1.258    1.266

 4  3  8 76         0.000    0.002    1.266    1.267

 5  3  8 76         0.000    0.002    1.304    1.263

 6  3  8 76         0.000    0.001    1.311    1.265

 7  3  8 76         0.000    0.001    1.271    1.281

 8  3  8 76         0.000    0.001    1.296    1.281

 9  3  8 76         0.000    0.001    1.264    1.286

10  3  8 76         0.000    0.001    1.260    1.286

11  3  8 76         0.000    0.001    1.249    1.277

12  3  8 76         0.000    0.001    1.245    1.273

13  3  8 76         0.000    0.001    1.244    1.272

14  3  8 76         0.000    0.001    1.238    1.268

15  3  8 76         0.000    0.001    1.263    1.264

16  3  8 76         0.000    0.001    1.264    1.264

17  3  8 76         0.000    0.001    1.245    1.268

18  3  8 76         0.000    0.001    1.253    1.275

19  3  8 76         0.000    0.001    1.266    1.285

20  3  8 76         0.000    0.001    1.269    1.289

21  3  8 76         0.000    0.001    1.273    1.289

22  3  8 76         0.000    0.001    1.270    1.289

23  3  8 76         0.000    0.001    1.282    1.295
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------------+

 0  4  8 76        0.000    0.001    1.267    1.283

 1  4  8 76        0.000    0.001    1.303    1.270

 2  4  8 76        0.000    0.002    1.276    1.265

 3  4  8 76        0.000    0.001    1.267    1.264

 4  4  8 76        0.000    0.001    1.280    1.266

 5  4  8 76        0.000    0.001    1.311    1.273

 6  4  8 76        0.000    0.001    1.267    1.270

 7  4  8 76        0.000    0.001    1.242    1.267

 8  4  8 76        0.000    0.001    1.319    1.259

 9  4  8 76        0.000    0.001    1.356    1.260

10  4  8 76        0.000    0.001    1.231    1.260

11  4  8 76        0.000    0.001    1.263    1.262

12  4  8 76        0.000    0.001    1.252    1.268

13  4  8 76        0.000    0.001    1.254    1.270

14  4  8 76        0.000    0.001    1.256    1.270

15  4  8 76        0.000    0.001    1.255    1.272

16  4  8 76       99.000   99.000   99.000   99.000

17  4  8 76        0.000    0.001    1.240    1.239

18  4  8 76        0.000    0.001    1.226    1.261

19  4  8 76        0.000    0.001    1.265    1.267

20  4  8 76        0.000    0.001    1.263    1.272

21  4  8 76        0.000    0.001    1.273    1.281

22  4  8 76        0.000    0.001    1.281    1.289

23  4  8 76        0.000    0.001    1.290    1.298
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	5	8	76	0.000	0.001	1.294	1.302
1	5	8	76	0.000	0.001	1.296	1.301
2	5	8	76	0.000	0.001	1.303	1.305
3	5	8	76	0.000	0.001	1.288	1.293
4	5	8	76	0.000	0.001	1.273	1.277
5	5	8	76	0.000	0.001	1.271	1.270
6	5	8	76	0.000	0.001	1.348	1.270
7	5	8	76	0.000	0.001	1.243	1.264
8	5	8	76	0.000	0.001	1.301	1.260
9	5	8	76	0.000	0.001	1.255	1.261
10	5	8	76	0.000	0.001	1.225	1.267
11	5	8	76	0.000	0.001	1.272	1.267
12	5	8	76	0.000	0.001	1.248	1.275
13	5	8	76	0.000	0.001	1.254	1.276
14	5	8	76	0.000	0.001	1.268	1.279
15	5	8	76	0.000	0.001	1.295	1.278
16	5	8	76	0.000	0.001	1.355	1.278
17	5	8	76	0.000	0.001	1.332	1.273
18	5	8	76	0.000	0.001	1.253	1.282
19	5	8	76	0.000	0.001	1.300	1.287
20	5	8	76	0.000	0.001	1.293	1.294
21	5	8	76	0.000	0.001	1.302	1.302
22	5	8	76	0.000	0.001	1.321	1.319
23	5	8	76	0.000	0.001	1.321	1.319

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +------------------------------+

 0   6   8  76     0.000    0.001    1.319    1.320

 1   6   8  76     0.000    0.001    1.322    1.322

 2   6   8  76     0.000    0.001    1.321    1.320

 3   6   8  76     0.000    0.001    1.330    1.325

 4   6   8  76     0.000    0.001    1.329    1.326

 5   6   8  76     0.000    0.001    1.333    1.329

 6   6   8  76     0.000    0.001    1.332    1.325

 7   6   8  76     0.000    0.001    1.329    1.323

 8   6   8  76     0.000    0.001    1.322    1.319

 9   6   8  76     0.000    0.001    1.325    1.322

10   6   8  76     0.000    0.001    1.320    1.317

11   6   8  76     0.000    0.001    1.305    1.305

12   6   8  76     0.000    0.001    1.299    1.298

13   6   8  76     0.000    0.001    1.293    1.293

14   6   8  76     0.000    0.001    1.289    1.290

15   6   8  76     0.000    0.001    1.244    1.227

16   6   8  76     0.000    0.001   99.000   99.000

17   6   8  76     0.000    0.001   99.000   99.000

18   6   8  76     0.000    0.001   99.000   99.000

19   6   8  76     0.000    0.001   99.000   99.000

20   6   8  76     0.000    0.001    1.565    1.373

21   6   8  76     0.000    0.001    1.560    1.381

22   6   8  76     0.000    0.001    1.559    1.383

23   6   8  76     0.000    0.001    1.557    1.384
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	7	8	76	0.000	0.001	1.557	1.385
1	7	8	76	0.000	0.001	1.561	1.389
2	7	8	76	0.000	0.001	1.562	1.391
3	7	8	76	0.000	0.001	1.564	1.393
4	7	8	76	0.000	0.001	1.574	1.400
5	7	8	76	0.000	0.001	1.577	1.401
6	7	8	76	0.000	0.001	1.577	1.403
7	7	8	76	0.000	0.001	1.572	1.399
8	7	8	76	0.000	0.001	1.564	1.392
9	7	8	76	0.000	0.001	1.558	1.388
10	7	8	76	0.000	0.001	1.555	1.385
11	7	8	76	0.000	0.001	1.553	1.382
12	7	8	76	0.000	0.001	1.548	1.377
13	7	8	76	0.000	0.001	1.537	1.370
14	7	8	76	0.000	0.001	1.530	1.362
15	7	8	76	0.000	0.001	1.518	1.355
16	7	8	76	0.000	0.001	1.516	1.353
17	7	8	76	0.000	0.001	1.521	1.356
18	7	8	76	0.000	0.001	1.523	1.360
19	7	8	76	0.000	0.001	1.532	1.369
20	7	8	76	0.000	0.001	1.541	1.376
21	7	8	76	0.000	0.001	1.546	1.379
22	7	8	76	0.000	0.001	1.544	1.378
23	7	8	76	0.000	0.001	1.542	1.378

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------------+

 0   8   8  76     0.000    0.001    1.543    1.378

 1   8   8  76     0.000    0.001    1.543    1.380

 2   8   8  76     0.000    0.001    1.546    1.390

 3   8   8  76     0.000    0.001    1.538    1.375

 4   8   8  76     0.000    0.001    1.530    1.366

 5   8   8  76     0.000    0.001    1.539    1.357

 6   8   8  76     0.000    0.001    1.591    1.353

 7   8   8  76     0.000    0.001    1.514    1.350

 8   8   8  76     0.000    0.001    1.522    1.353

 9   8   8  76     0.000    0.001    1.531    1.364

10   8   8  76     0.000    0.001    1.534    1.368

11   8   8  76     0.000    0.001    1.531    1.366

12   8   8  76     0.000    0.001    1.526    1.362

13   8   8  76     0.000    0.001    1.522    1.359

14   8   8  76     0.000    0.001    1.521    1.355

15   8   8  76     0.000    0.001    1.525    1.357

16   8   8  76     0.000    0.001    1.524    1.358

17   8   8  76     0.000    0.001    1.531    1.363

18   8   8  76     0.000    0.001    1.547    1.378

19   8   8  76     0.001    0.002    1.560    1.387

20   8   8  76     0.000    0.002    1.560    1.388

21   8   8  76     0.000    0.001    1.539    1.373

22   8   8  76     0.000    0.001    1.569    1.361

23   8   8  76     0.001    0.002    1.522    1.354
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                      AIR QUALITY DATA
HR  DY  MO  YR         SO2       H2S       THC       CH4
++  ++  ++  ++       +------------------------------------+

 0   9   8  76       0.000     0.001     1.564     1.352

 1   9   8  76       0.001     0.002     1.528     1.350

 2   9   8  76       0.001     0.002     1.596     1.344

 3   9   8  76       0.001     0.002     1.622     1.348

 4   9   8  76       0.000     0.001     1.600     1.350

 5   9   8  76       0.000     0.002     1.617     1.350

 6   9   8  76       0.001     0.001     1.629     1.353

 7   9   8  76       0.000     0.001     1.556     1.350

 8   9   8  76       0.000     0.001     1.479     1.348

 9   9   8  76       0.000     0.001     1.535     1.351

10   9   8  76       0.000     0.001     1.553     1.366

11   9   8  76       0.000     0.001     1.542     1.372

12   9   8  76       0.000     0.001     1.543     1.373

13   9   8  76       0.000     0.001     1.547     1.375

14   9   8  76       0.000     0.001     1.543     1.375

15   9   8  76       0.000     0.001     1.543     1.369

16   9   8  76       0.000     0.001     1.565     1.371

17   9   8  76       0.000     0.001     1.548     1.372

18   9   8  76       0.000     0.001     1.547     1.377

19   9   8  76       0.000     0.001     1.550     1.380

20   9   8  76       0.000     0.001     1.563     1.390

21   9   8  76       0.000     0.001     1.604     1.421

22   9   8  76       0.000     0.001     1.600     1.422

23   9   8  76       0.000     0.001     1.599     1.419
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +------------------------------+

 0  10   8  76     0.000    0.001    1.609    1.425

 1  10   8  76     0.000    0.001    1.614    1.429

 2  10   8  76     0.000    0.001    1.612    1.429

 3  10   8  76     0.000    0.001    1.611    1.427

 4  10   8  76     0.000    0.001    1.611    1.430

 5  10   8  76     0.000    0.001    1.617    1.435

 6  10   8  76     0.000    0.001    1.630    1.447

 7  10   8  76     0.000    0.001    1.621    1.440

 8  10   8  76     0.000    0.001    1.600    1.426

 9  10   8  76     0.000    0.001    1.573    1.408

10  10   8  76     0.000    0.001    1.561    1.398

11  10   8  76     0.000    0.001    1.553    1.391

12  10   8  76     0.000    0.001    1.550    1.387

13  10   8  76     0.000    0.001    1.548    1.386

14  10   8  76     0.000    0.001    1.549    1.386

15  10   8  76     0.000    0.001    1.544    1.381

16  10   8  76     0.000    0.001    1.541    1.380

17  10   8  76     0.000    0.001    1.550    1.388

18  10   8  76     0.000    0.001    1.557    1.393

19  10   8  76     0.000    0.001    1.556    1.392

20  10   8  76     0.000    0.001    1.561    1.398

21  10   8  76     0.000    0.001    1.559    1.396

22  10   8  76     0.000    0.001    1.562    1.400

23  10   8  76     0.000    0.001    1.564    1.400
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	11	8	76	0.000	0.001	1.564	1.403
1	11	8	76	0.000	0.001	1.574	1.409
2	11	8	76	0.000	0.001	1.563	1.401
3	11	8	76	0.000	0.001	1.547	1.390
4	11	8	76	0.000	0.001	1.535	1.381
5	11	8	76	0.000	0.001	1.551	1.377
6	11	8	76	0.000	0.001	1.569	1.375
7	11	8	76	0.000	0.001	1.550	1.376
8	11	8	76	0.000	0.001	1.602	1.369
9	11	8	76	0.000	0.001	1.629	1.361
10	11	8	76	0.000	0.001	1.564	1.369
11	11	8	76	0.000	0.001	1.544	1.378
12	11	8	76	0.000	0.001	1.538	1.375
13	11	8	76	0.000	0.001	99.000	99.000
14	11	8	76	99.000	99.000	99.000	99.000
15	11	8	76	99.000	99.000	99.000	99.000
16	11	8	76	0.000	0.001	1.494	1.397
17	11	8	76	0.000	0.001	1.455	1.389
18	11	8	76	0.000	0.001	1.455	1.417
19	11	8	76	0.000	0.001	1.474	1.439
20	11	8	76	0.000	0.001	1.479	1.442
21	11	8	76	0.000	0.001	1.458	1.424
22	11	8	76	0.000	0.001	1.438	1.409
23	11	8	76	0.000	0.001	1.434	1.404

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +--------------------------------+

 0 12  8 76          0.000    0.001    1.455    1.395

 1 12  8 76          0.000    0.001    1.500    1.388

 2 12  8 76          0.001    0.001    1.430    1.386

 3 12  8 76          0.000    0.001    1.483    1.386

 4 12  8 76          0.000    0.001    1.481    1.392

 5 12  8 76          0.000    0.001    1.428    1.391

 6 12  8 76          0.000    0.001    1.419    1.392

 7 12  8 76          0.000    0.001    1.475    1.389

 8 12  8 76          0.000    0.001    1.450    1.396

 9 12  8 76          0.000    0.001    1.378    1.377

10 12  8 76          0.000    0.001    1.419    1.384

11 12  8 76          0.000    0.001    1.434    1.395

12 12  8 76          0.000    0.001    1.429    1.396

13 12  8 76          0.000    0.001    1.428    1.396

14 12  8 76          0.000    0.001    1.425    1.393

15 12  8 76          0.000    0.001    1.449    1.386

16 12  8 76          0.000    0.001    1.499    1.378

17 12  8 76          0.000    0.001    1.493    1.379

18 12  8 76          0.000    0.001    1.427    1.376

19 12  8 76          0.000    0.001    1.410    1.377

20 12  8 76          0.000    0.001    1.417    1.386

21 12  8 76          0.000    0.001    1.432    1.397

22 12  8 76          0.000    0.001    1.435    1.403

23 12  8 76          0.000    0.001    1.440    1.407
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                  AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-------------------------------+

 0 13  8 76      0.000    0.001    1.446    1.410

 1 13  8 76      0.000    0.001    1.451    1.413

 2 13  8 76      0.000    0.001    1.444    1.409

 3 13  8 76      0.000    0.001    1.446    1.412

 4 13  8 76      0.000    0.001    1.441    1.406

 5 13  8 76      0.000    0.001    1.440    1.405

 6 13  8 76      0.000    0.001    1.442    1.408

 7 13  8 76      0.000    0.001    1.441    1.406

 8 13  8 76      0.000    0.001    1.438    1.405

 9 13  8 76      0.000    0.001    1.432    1.398

10 13  8 76      0.000    0.001    1.506    1.349

11 13  8 76      0.000    0.001    1.427    1.381

12 13  8 76      0.000    0.001    1.416    1.379

13 13  8 76      0.000    0.001    1.410    1.375

14 13  8 76      0.000    0.001    1.416    1.385

15 13  8 76      0.000    0.001    1.418    1.386

16 13  8 76      0.000    0.001    1.418    1.386

17 13  8 76      0.000    0.001    1.412    1.379

18 13  8 76      0.000    0.001    1.415    1.382

19 13  8 76      0.000    0.001    1.414    1.380

20 13  8 76      0.000    0.001    1.418    1.386

21 13  8 76      0.000    0.001    1.436    1.398

22 13  8 76      0.000    0.001    1.454    1.414

23 13  8 76      0.000    0.001    1.458    1.419
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR  DY  MO  YR            SO2       H2S       THC       CH4
++  ++  ++  ++          +-----------------------------------+

 0  14   8  76          0.000     0.001     1.454     1.416

 1  14   8  76          0.000     0.001     1.455     1.419

 2  14   8  76          0.000     0.001     1.430     1.397

 3  14   8  76          0.000     0.001     1.426     1.378

 4  14   8  76          0.000     0.001     1.434     1.373

 5  14   8  76          0.000     0.001     1.422     1.375

 6  14   8  76          0.000     0.001     1.414     1.376

 7  14   8  76          0.000     0.001     1.410     1.380

 8  14   8  76          0.000     0.001     1.405     1.376

 9  14   8  76          0.000     0.001     1.418     1.382

10  14   8  76          0.000     0.001     1.437     1.389

11  14   8  76          0.000     0.001     1.487     1.393

12  14   8  76          0.000     0.001     1.440     1.395

13  14   8  76          0.000     0.001     1.429     1.391

14  14   8  76          0.000     0.001     1.451     1.388

15  14   8  76          0.000     0.001     1.452     1.386

16  14   8  76          0.000     0.001     1.432     1.385

17  14   8  76          0.000     0.001     1.442     1.384

18  14   8  76          0.000     0.001     1.442     1.384

19  14   8  76          0.000     0.001     1.422     1.388

20  14   8  76          0.000     0.001     1.430     1.398

21  14   8  76          0.000     0.001     1.438     1.406

22  14   8  76          0.000     0.001     1.439     1.407

23  14   8  76          0.000     0.001     1.438     1.404
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                  AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +--------------------------------+

 0 15  8 76     0.000    0.001    1.436    1.404

 1 15  8 76     0.000    0.001    1.436    1.404

 2 15  8 76     0.000    0.001    1.436    1.405

 3 15  8 76     0.000    0.001    1.437    1.406

 4 15  8 76     0.000    0.001    1.439    1.407

 5 15  8 76     0.000    0.001    1.442    1.409

 6 15  8 76     0.000    0.001    1.447    1.414

 7 15  8 76     0.000    0.001    1.444    1.414

 8 15  8 76     0.000    0.001    1.433    1.400

 9 15  8 76     0.000    0.001    1.421    1.389

10 15  8 76     0.000    0.001    1.412    1.382

11 15  8 76     0.000    0.001    1.410    1.379

12 15  8 76     0.000    0.001    1.408    1.375

13 15  8 76     0.000    0.001    1.405    1.372

14 15  8 76     0.000    0.001    1.402    1.371

15 15  8 76     0.000    0.001    1.402    1.371

16 15  8 76     0.000    0.001    1.398    1.368

17 15  8 76     0.000    0.001    1.411    1.371

18 15  8 76     0.000    0.001    1.408    1.376

19 15  8 76     0.000    0.001    1.414    1.384

20 15  8 76     0.000    0.001    1.425    1.392

21 15  8 76     0.000    0.001    1.436    1.403

22 15  8 76     0.000    0.001    1.442    1.409

23 15  8 76     0.000    0.001    1.448    1.415
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +---------------------------------+

 0  16   8  76      0.000    0.001    1.454    1.420

 1  16   8  76      0.000    0.001    1.457    1.421

 2  16   8  76      0.000    0.001    1.457    1.423

 3  16   8  76      0.000    0.001    1.460    1.424

 4  16   8  76      0.000    0.001    1.467    1.429

 5  16   8  76      0.000    0.001    1.472    1.435

 6  16   8  76      0.000    0.001    1.478    1.442

 7  16   8  76      0.000    0.001    1.475    1.436

 8  16   8  76      0.000    0.001    1.465    1.429

 9  16   8  76      0.000    0.001    1.461    1.423

10  16   8  76      0.000    0.001    1.454    1.418

11  16   8  76      0.000    0.001    1.446    1.411

12  16   8  76      0.000    0.001    1.442    1.408

13  16   8  76      0.000    0.001    1.437    1.404

14  16   8  76      0.000    0.001    1.430    1.399

15  16   8  76      0.000    0.001    1.422    1.391

16  16   8  76      0.000    0.001    1.476    1.386

17  16   8  76      0.000    0.001    1.470    1.386

18  16   8  76      0.000    0.001    1.438    1.386

19  16   8  76      0.000    0.001    1.421    1.390

20  16   8  76      0.000    0.001    1.425    1.397

21  16   8  76      0.000    0.001    1.430    1.402

22  16   8  76      0.000    0.001    1.430    1.405

23  16   8  76      0.000    0.001    1.426    1.398
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++          +-----------------------------------+

 0 17  8 76         0.000    0.001    1.418    1.393

 1 17  8 76         0.000    0.001    1.417    1.390

 2 17  8 76         0.000    0.001    1.424    1.395

 3 17  8 76         0.000    0.001    1.431    1.398

 4 17  8 76         0.000    0.001    1.428    1.398

 5 17  8 76         0.000    0.001    1.426    1.397

 6 17  8 76         0.000    0.001    1.429    1.399

 7 17  8 76         0.000    0.001    1.432    1.398

 8 17  8 76         0.000    0.001    1.430    1.397

 9 17  8 76         0.000    0.001    1.424    1.392

10 17  8 76         0.000    0.001    1.418    1.387

11 17  8 76         0.000    0.001    1.416    1.386

12 17  8 76         0.000    0.001    1.414    1.388

13 17  8 76         0.000    0.001    1.414    1.382

14 17  8 76         0.000    0.001    1.410    1.379

15 17  8 76         0.000    0.001    1.438    1.375

16 17  8 76         0.000    0.001    1.452    1.376

17 17  8 76         0.000    0.001    1.418    1.379

18 17  8 76         0.000    0.001    1.415    1.382

19 17  8 76         0.000    0.001    1.414    1.384

20 17  8 76         0.000    0.001    1.420    1.393

21 17  8 76         0.000    0.001    1.426    1.395

22 17  8 76         0.000    0.001    1.432    1.399

23 17  8 76         0.000    0.001    1.432    1.400
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 18  8 76        0.000    0.001    1.440    1.381

 1 18  8 76        0.000    0.001    1.465    1.376

 2 18  8 76        0.000    0.001    1.492    1.367

 3 18  8 76        0.000    0.001    1.491    1.363

 4 18  8 76        0.000    0.001    1.490    1.364

 5 18  8 76        0.000    0.001    1.489    1.363

 6 18  8 76        0.000    0.001    1.482    1.363

 7 18  8 76        0.000    0.001    1.428    1.365

 8 18  8 76        0.000    0.001    1.433    1.359

 9 18  8 76        0.000    0.001    1.410    1.360

10 18  8 76        0.000    0.001    1.437    1.371

11 18  8 76        0.000    0.001    1.416    1.375

12 18  8 76        0.000    0.001    1.404    1.375

13 18  8 76        0.000    0.001    1.407    1.371

14 18  8 76        0.000    0.001   99.000   99.000

15 18  8 76        0.000    0.001   99.000   99.000

16 18  8 76        0.000    0.001   99.000   99.000

17 18  8 76        0.000    0.001   99.000   99.000

18 18  8 76        0.000    0.001   99.000   99.000

19 18  8 76        0.000    0.001    1.390    1.380

20 18  8 76        0.000    0.001    1.393    1.386

21 18  8 76        0.000    0.001    1.402    1.395

22 18  8 76        0.000    0.001    1.401    1.395

23 18  8 76        0.000    0.001    1.402    1.396
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                          AIR QUALITY DATA
HR  DY  MO  YR      SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0  19   8  76    0.000    0.001    1.411    1.404

 1  19   8  76    0.000    0.001    1.397    1.392

 2  19   8  76    0.000    0.001    1.380    1.373

 3  19   8  76    0.000    0.001    1.377    1.368

 4  19   8  76    0.000    0.001    1.377    1.369

 5  19   8  76    0.000    0.001    1.378    1.369

 6  19   8  76    0.000    0.001    1.398    1.390

 7  19   8  76    0.000    0.001    1.410    1.400

 8  19   8  76    0.000    0.001    1.405    1.396

 9  19   8  76    0.000    0.001    1.401    1.391

10  19   8  76    0.000    0.001    1.398    1.386

11  19   8  76    0.000    0.001    1.390    1.379

12  19   8  76    0.000    0.001    1.385    1.374

13  19   8  76    0.000    0.001    1.375    1.366

14  19   8  76    0.000    0.001    1.375    1.363

15  19   8  76    0.000    0.001    1.434    1.409

16  19   8  76    0.000    0.001    1.392    1.376

17  19   8  76    0.001    0.001    1.376    1.364

18  19   8  76    0.000    0.001    1.379    1.365

19  19   8  76    0.000    0.001    1.388    1.375

20  19   8  76    0.000    0.001    1.396    1.387

21  19   8  76    0.000    0.001    1.397    1.391

22  19   8  76    0.000    0.001    1.406    1.398

23  19   8  76    0.000    0.001    1.405    1.399
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S       THC       CH4
++  ++  ++  ++      +-------------------------------------+

 0  20   8  76      0.000     0.001     1.407     1.398

 1  20   8  76      0.000     0.001     1.403     1.396

 2  20   8  76      0.000     0.001     1.415     1.408

 3  20   8  76      0.000     0.001     1.419     1.412

 4  20   8  76      0.000     0.001     1.420     1.413

 5  20   8  76      0.000     0.001     1.424     1.416

 6  20   8  76      0.000     0.001     1.425     1.415

 7  20   8  76      0.000     0.001     1.423     1.411

 8  20   8  76      0.000     0.001     1.422     1.408

 9  20   8  76      0.000     0.001     1.419     1.403

10  20   8  76      0.000     0.001     1.424     1.396

11  20   8  76      0.000     0.001     1.404     1.389

12  20   8  76      0.000     0.001     1.396     1.384

13  20   8  76      0.000     0.001     1.394     1.381

14  20   8  76      0.000     0.001     1.397     1.383

15  20   8  76      0.000     0.001     1.397     1.386

16  20   8  76      0.000     0.001     1.408     1.385

17  20   8  76      0.000     0.001     1.392     1.379

18  20   8  76      0.000     0.001     1.389     1.381

19  20   8  76      0.000     0.001     1.389     1.380

20  20   8  76      0.000     0.001     1.399     1.389

21  20   8  76      0.000     0.001     1.407     1.397

22  20   8  76      0.000     0.001     1.410     1.400

23  20   8  76      0.000     0.001     1.413     1.403
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0  21   8  76     0.000    0.001    1.418    1.406

 1  21   8  76     0.000    0.001    1.418    1.408

 2  21   8  76     0.000    0.001    1.415    1.404

 3  21   8  76     0.000    0.001    1.415    1.406

 4  21   8  76     0.000    0.001    1.416    1.407

 5  21   8  76     0.000    0.001    1.410    1.402

 6  21   8  76     0.000    0.001    1.403    1.398

 7  21   8  76     0.000    0.001    1.401    1.394

 8  21   8  76     0.000    0.001    1.393    1.383

 9  21   8  76     0.000    0.001    1.383    1.359

10  21   8  76     0.000    0.001    1.373    1.344

11  21   8  76     0.000    0.001    1.443    1.336

12  21   8  76     0.000    0.001    1.499    1.336

13  21   8  76     0.000    0.001    1.439    1.336

14  21   8  76     0.000    0.001    1.383    1.360

15  21   8  76     0.000    0.001    1.375    1.372

16  21   8  76     0.000    0.001    1.375    1.376

17  21   8  76     0.000    0.001    1.374    1.374

18  21   8  76     0.000    0.001    1.375    1.375

19  21   8  76     0.000    0.001    1.382    1.383

20  21   8  76     0.000    0.001    1.397    1.395

21  21   8  76     0.000    0.001    1.394    1.388

22  21   8  76     0.000    0.001    1.385    1.376

23  21   8  76     0.000    0.001    1.389    1.375
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR          SO2     H2S      THC      CH4
++ ++ ++ ++         +-----------------------------+

 0 22  8 76        0.000    0.001    1.397    1.381

 1 22  8 76        0.000    0.001    1.391    1.378

 2 22  8 76        0.000    0.001    1.389    1.377

 3 22  8 76        0.000    0.001    1.395    1.384

 4 22  8 76        0.000    0.001    1.399    1.388

 5 22  8 76        0.000    0.001    1.392    1.387

 6 22  8 76        0.000    0.001    1.396    1.385

 7 22  8 76        0.000    0.001    1.394    1.383

 8 22  8 76        0.000    0.001    1.397    1.388

 9 22  8 76        0.000    0.001    1.383    1.370

10 22  8 76        0.000    0.001    1.376    1.366

11 22  8 76        0.000    0.001    1.380    1.372

12 22  8 76        0.000    0.001    1.385    1.377

13 22  8 76        0.000    0.001    1.387    1.378

14 22  8 76        0.000    0.001    1.386    1.381

15 22  8 76        0.000    0.001    1.386    1.380

16 22  8 76        0.000    0.001    1.378    1.373

17 22  8 76        0.000    0.001    1.385    1.378

18 22  8 76        0.000    0.001    1.396    1.392

19 22  8 76        0.000    0.001    1.391    1.386

20 22  8 76        0.000    0.001    1.380    1.376

21 22  8 76        0.000    0.001    1.369    1.367

22 22  8 76        0.000    0.001    1.376    1.370

23 22  8 76        0.000    0.001    1.379    1.372
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                         AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S      THC      CH4
++  ++  ++  ++          +--------------------------------+

 0  23   8  76        0.000    0.001    1.377    1.370

 1  23   8  76        0.000    0.001    1.378    1.371

 2  23   8  76        0.000    0.001    1.372    1.366

 3  23   8  76        0.000    0.001    1.373    1.367

 4  23   8  76        0.000    0.001    1.372    1.367

 5  23   8  76        0.000    0.001    1.378    1.372

 6  23   8  76        0.000    0.001    1.377    1.372

 7  23   8  76        0.000    0.001    1.382    1.376

 8  23   8  76        0.000    0.001    1.379    1.373

 9  23   8  76        0.000    0.001    1.371    1.365

10  23   8  76        0.000    0.001    1.367    1.362

11  23   8  76        0.000    0.001    1.335    1.350

12  23   8  76        0.000    0.001    1.354    1.352

13  23   8  76        0.000    0.001    1.366    1.359

14  23   8  76        0.000    0.001    1.363    1.356

15  23   8  76        0.000    0.001    1.368    1.360

16  23   8  76        0.000    0.001    1.370    1.364

17  23   8  76       99.000   99.000   99.000   99.000

18  23   8  76       99.000   99.000   99.000   99.000

19  23   8  76        0.000    0.001    1.422    1.413

20  23   8  76        0.000    0.001    1.456    1.446

21  23   8  76        0.000    0.001    1.469    1.463

22  23   8  76        0.000    0.001    1.451    1.453

23  23   8  76        0.000    0.001    1.456    1.458
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0  24   8  76      0.000    0.001    1.447    1.450

 1  24   8  76      0.000    0.001    1.443    1.446

 2  24   8  76      0.000    0.001    1.436    1.441

 3  24   8  76      0.000    0.001    1.432    1.437

 4  24   8  76      0.000    0.001    1.432    1.437

 5  24   8  76      0.000    0.002    1.433    1.439

 6  24   8  76      0.000    0.001    1.437    1.442

 7  24   8  76      0.000    0.001    1.440    1.442

 8  24   8  76      0.000    0.001    1.431    1.434

 9  24   8  76      0.000    0.001    1.423    1.426

10  24   8  76      0.000    0.001    1.418    1.420

11  24   8  76      0.000    0.001    1.467    1.454

12  24   8  76      0.000    0.001    1.452    1.451

13  24   8  76      0.000    0.001    1.427    1.429

14  24   8  76      0.000    0.001    1.423    1.426

15  24   8  76      0.000    0.001    1.416    1.419

16  24   8  76      0.000    0.001    1.413    1.416

17  24   8  76      0.000    0.001    1.417    1.415

18  24   8  76      0.000    0.001    1.423    1.421

19  24   8  76      0.000    0.001    1.426    1.428

20  24   8  76      0.000    0.001    1.442    1.447

21  24   8  76      0.000    0.001    1.451    1.458

22  24   8  76      0.000    0.001    1.457    1.466

23  24   8  76      0.000    0.001    1.461    1.468
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +----------------------------------+

 0 25  8 76        0.000    0.001    1.478    1.484

 1 25  8 76        0.000    0.001    1.497    1.501

 2 25  8 76        0.000    0.001    1.487    1.491

 3 25  8 76        0.000    0.001    1.477    1.483

 4 25  8 76        0.000    0.001    1.474    1.481

 5 25  8 76        0.000    0.001    1.480    1.486

 6 25  8 76        0.000    0.001    1.475    1.480

 7 25  8 76        0.000    0.001    1.450    1.448

 8 25  8 76        0.000    0.001    1.428    1.428

 9 25  8 76        0.000    0.001    1.418    1.416

10 25  8 76        0.000    0.001    1.414    1.409

11 25  8 76        0.000    0.001    1.419    1.406

12 25  8 76        0.000    0.001    1.415    1.407

13 25  8 76        0.000    0.001   99.000   99.000

14 25  8 76        0.000    0.001    1.344    1.322

15 25  8 76        0.000    0.001    1.416    1.384

16 25  8 76        0.000    0.001    1.412    1.389

17 25  8 76        0.000    0.001    1.405    1.382

18 25  8 76        0.000    0.001    1.393    1.372

19 25  8 76        0.000    0.001    1.399    1.378

20 25  8 76        0.000    0.001    1.420    1.398

21 25  8 76        0.000    0.001    1.434    1.412

22 25  8 76        0.000    0.001    1.433    1.412

23 25  8 76        0.000    0.001    1.430    1.410
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +-------------------------------+

 0  26   8  76      0.000    0.001    1.426    1.407

 1  26   8  76      0.000    0.001    1.428    1.409

 2  26   8  76      0.001    0.001    1.429    1.409

 3  26   8  76      0.000    0.001    1.433    1.413

 4  26   8  76      0.000    0.001    1.440    1.419

 5  26   8  76      0.000    0.001    1.436    1.415

 6  26   8  76      0.000    0.001    1.445    1.421

 7  26   8  76      0.000    0.001    1.445    1.420

 8  26   8  76      0.000    0.001    1.435    1.413

 9  26   8  76      0.000    0.001    1.418    1.399

10  26   8  76      0.000    0.001    1.409    1.387

11  26   8  76      0.000    0.001    1.409    1.388

12  26   8  76      0.000    0.001    1.406    1.389

13  26   8  76      0.000    0.001    1.436    1.415

14  26   8  76      0.000    0.001    1.419    1.398

15  26   8  76      0.000    0.001    1.406    1.386

16  26   8  76      0.000    0.001    1.410    1.388

17  26   8  76      0.000    0.001    1.411    1.393

18  26   8  76      0.000    0.001    1.439    1.415

19  26   8  76      0.000    0.001    1.450    1.431

20  26   8  76      0.000    0.001    1.462    1.443

21  26   8  76      0.000    0.001    1.465    1.446

22  26   8  76      0.000    0.001    1.443    1.424

23  26   8  76      0.000    0.001    1.434    1.413
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 27  8 76        0.000    0.001    1.433    1.411

 1 27  8 76        0.000    0.001    1.435    1.413

 2 27  8 76        0.000    0.001    1.439    1.417

 3 27  8 76        0.000    0.002    1.440    1.417

 4 27  8 76        0.000    0.002    1.436    1.416

 5 27  8 76        0.000    0.002    1.434    1.413

 6 27  8 76        0.000    0.001    1.435    1.415

 7 27  8 76        0.001    0.001    1.440    1.420

 8 27  8 76        0.000    0.001    1.434    1.412

 9 27  8 76        0.000    0.001    1.418    1.407

10 27  8 76        0.000    0.002    1.411    1.407

11 27  8 76        0.000    0.001    1.429    1.417

12 27  8 76        0.000    0.001    1.443    1.421

13 27  8 76        0.000    0.001    1.451    1.427

14 27  8 76        0.000    0.001    1.457    1.435

15 27  8 76        0.000    0.001    1.458    1.433

16 27  8 76        0.000    0.001    1.454    1.432

17 27  8 76        0.000    0.001    1.456    1.434

18 27  8 76        0.000    0.001    1.466    1.440

19 27  8 76        0.000    0.001    1.473    1.449

20 27  8 76        0.000    0.001    1.492    1.467

21 27  8 76        0.000    0.001    1.498    1.476

22 27  8 76        0.000    0.001    1.500    1.479

23 27  8 76        0.000    0.001    1.627    1.477
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +------------------------------------+

 0  28   8  76      0.000    0.001    1.523    1.485

 1  28   8  76      0.000    0.001    1.526    1.499

 2  28   8  76      0.000    0.001    1.533    1.506

 3  28   8  76      0.000    0.001    1.536    1.507

 4  28   8  76      0.000    0.001    1.506    1.481

 5  28   8  76      0.000    0.001    1.490    1.466

 6  28   8  76      0.000    0.001    1.480    1.460

 7  28   8  76      0.000    0.001    1.471    1.449

 8  28   8  76      0.000    0.001    1.461    1.438

 9  28   8  76      0.000    0.001    1.458    1.435

10  28   8  76      0.000    0.001    1.470    1.443

11  28   8  76      0.000    0.001    1.486    1.457

12  28   8  76      0.000    0.001    1.488    1.459

13  28   8  76      0.000    0.001    1.482    1.455

14  28   8  76      0.000    0.001    1.479    1.453

15  28   8  76      0.000    0.001    1.474    1.448

16  28   8  76      0.000    0.001    1.469    1.444

17  28   8  76      0.000    0.001    1.465    1.439

18  28   8  76      0.000    0.001    1.481    1.447

19  28   8  76      0.000    0.001    1.495    1.456

20  28   8  76      0.000    0.001    1.511    1.470

21  28   8  76      0.000    0.001    1.515    1.477

22  28   8  76      0.000    0.001    1.510    1.481

23  28   8  76      0.000    0.001    1.505    1.480
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +------------------------------+

 0 29  8 76     0.000    0.002    1.509    1.483

 1 29  8 76     0.000    0.001    1.507    1.483

 2 29  8 76     0.000    0.001    1.478    1.484

 3 29  8 76     0.000    0.001    1.472    1.483

 4 29  8 76     0.000    0.001    1.474    1.484

 5 29  8 76     0.000    0.001    1.479    1.485

 6 29  8 76     0.000    0.001    1.494    1.491

 7 29  8 76     0.000    0.001    1.494    1.489

 8 29  8 76     0.000    0.001    1.488    1.480

 9 29  8 76     0.000    0.001    1.476    1.468

10 29  8 76     0.000    0.001    1.469    1.474

11 29  8 76     0.000    0.001    1.476    1.468

12 29  8 76     0.000    0.001    1.460    1.456

13 29  8 76     0.000    0.001    1.452    1.450

14 29  8 76     0.000    0.001    1.453    1.448

15 29  8 76     0.000    0.001    1.453    1.445

16 29  8 76     0.000    0.001    1.454    1.449

17 29  8 76     0.000    0.001    1.454    1.446

18 29  8 76     0.000    0.001    1.445    1.441

19 29  8 76     0.000    0.001    1.451    1.444

20 29  8 76     0.000    0.001    1.464    1.456

21 29  8 76     0.000    0.001    1.487    1.475

22 29  8 76     0.000    0.001    1.489    1.474

23 29  8 76     0.000    0.001    1.488    1.476
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                   AIR QUALITY DATA
HR DY MO YR         SO2     H2S     THC     CH4
++ ++ ++ ++        +------------------------------+

 0 30  8 76    0.000   0.001   1.489   1.479

 1 30  8 76    0.000   0.001   1.489   1.480

 2 30  8 76    0.000   0.002   1.480   1.479

 3 30  8 76    0.000   0.001   1.478   1.482

 4 30  8 76    0.000   0.001   1.479   1.483

 5 30  8 76    0.000   0.001   1.480   1.484

 6 30  8 76    0.000   0.001   1.476   1.481

 7 30  8 76    0.000   0.001   1.465   1.476

 8 30  8 76    0.000   0.001   1.460   1.467

 9 30  8 76    0.000   0.001   1.454   1.460

10 30  8 76    0.000   0.001   1.449   1.454

11 30  8 76    0.000   0.001   1.438   1.445

12 30  8 76    0.000   0.001   1.424   1.435

13 30  8 76    0.000   0.001   1.425   1.427

14 30  8 76    0.000   0.001   1.422   1.431

15 30  8 76    0.000   0.001   1.413   1.423

16 30  8 76    0.000   0.001   1.423   1.427

17 30  8 76    0.000   0.001   1.434   1.435

18 30  8 76    0.000   0.001   1.440   1.444

19 30  8 76    0.000   0.001   1.441   1.446

20 30  8 76    0.000   0.001   1.449   1.453

21 30  8 76    0.000   0.001   1.450   1.457

22 30  8 76    0.000   0.001   1.452   1.461

23 30  8 76    0.000   0.001   1.458   1.468
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 31  8 76         0.000    0.001    1.466    1.471

 1 31  8 76         0.000    0.001    1.467    1.472

 2 31  8 76         0.000    0.001    1.462    1.470

 3 31  8 76         0.000    0.001    1.462    1.471

 4 31  8 76         0.000    0.001    1.466    1.475

 5 31  8 76         0.000    0.001    1.477    1.480

 6 31  8 76         0.000    0.001    1.485    1.485

 7 31  8 76         0.000    0.001    1.491    1.490

 8 31  8 76         0.000    0.001    1.492    1.485

 9 31  8 76         0.000    0.001    1.480    1.473

10 31  8 76         0.000    0.001    1.456    1.457

11 31  8 76         0.000    0.001    1.445    1.449

12 31  8 76         0.000    0.001    1.435    1.439

13 31  8 76         0.000    0.001    1.430    1.437

14 31  8 76         0.000    0.001    1.420    1.429

15 31  8 76         0.000    0.001    1.414    1.422

16 31  8 76         0.000    0.001    1.415    1.423

17 31  8 76         0.000    0.001    1.422    1.425

18 31  8 76         0.000    0.001    1.426    1.428

19 31  8 76         0.000    0.001    1.441    1.445

20 31  8 76         0.000    0.001    1.441    1.445

21 31  8 76         0.000    0.001    1.457    1.457

22 31  8 76         0.000    0.001    1.474    1.474

23 31  8 76         0.000    0.001    1.470    1.473
```

A.1.3

AIR QUALITY DATA FOR SITE 3
1 JUNE 1976 THROUGH 31 AUGUST 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	6	76	0.007	0.005	1.543	1.520	0.002	0.001	0.533	0.035
1	1	6	76	0.007	0.005	1.593	1.572	0.002	0.001	0.526	0.025
2	1	6	76	0.007	0.005	1.565	1.552	0.001	0.001	0.531	0.019
3	1	6	76	0.007	0.005	1.587	1.573	0.001	0.001	0.558	0.018
4	1	6	76	0.007	0.005	1.578	1.575	0.001	0.001	0.545	0.018
5	1	6	76	0.007	0.005	1.594	1.566	0.001	0.001	0.543	0.019
6	1	6	76	0.007	0.005	1.569	1.547	0.001	0.001	0.535	0.023
7	1	6	76	0.007	0.004	1.577	1.534	0.002	0.002	0.577	0.031
8	1	6	76	0.007	0.005	1.524	1.495	0.003	0.002	0.610	0.040
9	1	6	76	0.008	0.005	1.488	1.470	0.003	0.003	0.628	0.045
10	1	6	76	0.009	0.006	1.484	1.466	0.003	0.003	0.600	0.058
11	1	6	76	0.009	0.006	1.484	1.464	0.003	0.003	0.536	0.061
12	1	6	76	0.008	0.006	1.475	1.449	0.003	0.003	0.576	0.061
13	1	6	76	99.000	99.000	99.000	99.000	99.000	99.000	0.377	0.060
14	1	6	76	0.009	0.006	1.461	1.433	0.007	0.007	0.641	0.058
15	1	6	76	0.009	0.006	1.468	1.447	0.004	0.004	0.632	0.058
16	1	6	76	0.009	0.006	1.462	1.436	0.003	0.003	0.628	0.058
17	1	6	76	0.009	0.006	1.466	1.440	0.003	0.003	0.567	0.058
18	1	6	76	0.009	0.006	1.475	1.447	0.003	0.003	0.555	0.057
19	1	6	76	0.009	0.006	1.491	1.464	0.003	0.002	0.561	0.052
20	1	6	76	0.008	0.006	1.523	1.499	0.003	0.002	0.627	0.038
21	1	6	76	0.008	0.006	1.587	1.570	0.002	0.001	0.658	0.034
22	1	6	76	0.008	0.005	1.559	1.532	0.001	0.001	0.653	0.035
23	1	6	76	0.008	0.005	1.548	1.523	0.001	0.001	0.637	0.035

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
**	**	**	**								
0	2	6	76	0.008	0.005	1.549	1.525	0.001	0.001	0.615	0.035
1	2	6	76	0.007	0.005	1.551	1.525	0.001	0.001	0.614	0.034
2	2	6	76	0.007	0.005	1.623	1.608	0.001	0.001	0.589	0.021
3	2	6	76	0.007	0.005	1.571	1.557	0.001	0.001	0.603	0.022
4	2	6	76	0.008	0.005	1.573	1.555	0.001	0.001	0.601	0.024
5	2	6	76	0.008	0.005	1.576	1.544	0.001	0.001	0.608	0.021
6	2	6	76	0.007	0.005	1.585	1.563	0.001	0.001	0.617	0.024
7	2	6	76	0.007	0.005	1.542	1.517	0.002	0.002	0.649	0.029
8	2	6	76	0.008	0.005	1.533	1.527	0.003	0.002	0.735	0.040
9	2	6	76	0.008	0.005	1.494	1.464	0.003	0.003	0.723	0.046
10	2	6	76	0.009	0.006	1.476	1.444	0.003	0.003	0.643	0.053
11	2	6	76	0.009	0.006	1.475	1.442	0.003	0.003	0.644	0.051
12	2	6	76	0.009	0.006	1.461	1.431	0.003	0.002	0.631	0.049
13	2	6	76	0.009	0.006	1.458	1.433	0.003	0.002	0.661	0.049
14	2	6	76	0.009	0.006	1.473	1.443	0.003	0.003	0.628	0.051
15	2	6	76	0.009	0.006	1.460	1.429	0.003	0.002	0.643	0.051
16	2	6	76	0.008	0.006	1.456	1.427	0.003	0.002	0.615	0.051
17	2	6	76	0.009	0.006	1.465	1.433	0.003	0.002	0.607	0.050
18	2	6	76	0.009	0.006	1.479	1.447	0.002	0.002	0.572	0.048
19	2	6	76	0.008	0.005	1.486	1.454	0.002	0.002	0.560	0.047
20	2	6	76	0.008	0.006	1.548	1.508	0.002	0.002	0.612	0.032
21	2	6	76	0.008	0.006	1.528	1.498	0.002	0.001	0.664	0.031
22	2	6	76	0.008	0.005	1.548	1.537	0.001	0.001	0.617	0.027
23	2	6	76	0.008	0.005	1.552	1.527	0.001	0.001	0.601	0.024

```
                       RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                   AIR  QUALITY  DATA
HR DY MO YR       SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-------------------------------------------------------------------+

 0  3  6 76     0.007   0.005    1.545   1.523    0.001   0.001    0.580   0.025

 1  3  6 76     0.007   0.005    1.536   1.510    0.001   0.001    0.578   0.023

 2  3  6 76     0.007   0.005    1.542   1.519    0.001   0.000    0.561   0.023

 3  3  6 76     0.007   0.005    1.527   1.509    0.001   0.000    0.569   0.020

 4  3  6 76     0.007   0.005    1.536   1.520    0.001   0.000    0.553   0.016

 5  3  6 76     0.007   0.005    1.523   1.502    0.001   0.000    0.555   0.021

 6  3  6 76     0.007   0.004    1.527   1.506    0.001   0.001    0.597   0.021

 7  3  6 76     0.007   0.005    1.539   1.511    0.001   0.001    0.640   0.025

 8  3  6 76     0.007   0.005    1.540   1.507    0.002   0.002    0.728   0.032

 9  3  6 76     0.008   0.005    1.489   1.460    0.002   0.002    0.747   0.040

10  3  6 76     0.008   0.005    1.468   1.438    0.002   0.002    0.737   0.044

11  3  6 76     0.008   0.006    1.464   1.436    0.002   0.002    0.708   0.044

12  3  6 76     0.008   0.006    1.462   1.437    0.002   0.002    0.600   0.047

13  3  6 76     0.008   0.005    1.470   1.441    0.002   0.002    0.635   0.048

14  3  6 76     0.008   0.005    1.478   1.450    0.002   0.002    0.703   0.047

15  3  6 76     0.008   0.005    1.476   1.453    0.002   0.001    0.707   0.047

16  3  6 76     0.008   0.005   99.000  99.000    0.002   0.002    0.722   0.047

17  3  6 76     0.008   0.005    1.295   1.296    0.002   0.002    0.913  99.000

18  3  6 76     0.008   0.005    1.360   1.365    0.002   0.002   99.000   0.052

19  3  6 76     0.008   0.006    1.378   1.388    0.002   0.002   99.000   0.050

20  3  6 76     0.008   0.006    1.396   1.403    0.002   0.002    0.428   0.036

21  3  6 76     0.008   0.005    1.412   1.421    0.001   0.001    0.131   0.030

22  3  6 76     0.006   0.004    1.447   1.451    0.001   0.001    0.102   0.033

23  3  6 76     0.006   0.003    1.436   1.451    0.001   0.001    0.099   0.033
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	6	76	0.006	0.003	1.463	1.472	0.001	0.001	0.106	0.023
1	4	6	76	0.005	0.003	1.425	1.438	0.001	0.001	0.101	0.022
2	4	6	76	0.006	0.004	1.414	1.428	0.001	0.001	0.109	0.026
3	4	6	76	0.006	0.003	1.410	1.422	0.001	0.001	0.145	0.030
4	4	6	76	0.006	0.004	1.419	1.433	0.001	0.001	0.117	0.029
5	4	6	76	0.006	0.004	1.443	1.442	0.001	0.001	0.114	0.028
6	4	6	76	0.006	0.004	1.534	1.532	0.002	0.001	0.123	0.020
7	4	6	76	0.007	0.004	1.508	1.482	0.002	0.002	0.108	0.025
8	4	6	76	0.006	0.004	1.437	1.452	0.002	0.002	0.138	0.035
9	4	6	76	0.008	0.005	1.426	1.424	0.002	0.002	0.158	0.041
10	4	6	76	0.009	0.006	1.398	1.400	0.002	0.002	0.198	0.043
11	4	6	76	0.007	0.004	1.388	1.398	0.003	0.002	0.196	0.045
12	4	6	76	0.007	0.004	1.397	1.401	0.003	0.002	0.307	0.046
13	4	6	76	0.008	0.007	1.374	1.381	0.003	0.003	0.462	0.045
14	4	6	76	0.008	0.006	1.364	1.371	0.003	0.003	0.309	0.046
15	4	6	76	0.009	0.007	1.367	1.373	0.003	0.002	0.224	0.047
16	4	6	76	0.010	0.007	1.367	1.372	0.003	0.002	0.160	0.050
17	4	6	76	0.011	0.008	1.367	1.373	0.002	0.002	0.160	0.050
18	4	6	76	0.009	0.007	1.417	1.425	0.002	0.002	0.137	0.047
19	4	6	76	0.008	0.005	1.389	1.398	0.002	0.002	0.139	0.043
20	4	6	76	0.009	0.006	1.403	1.421	0.002	0.002	0.101	0.032
21	4	6	76	0.008	0.005	1.460	1.479	0.002	0.001	0.068	0.029
22	4	6	76	0.008	0.005	1.466	1.485	0.001	0.001	0.075	0.030
23	4	6	76	0.007	0.005	1.514	1.531	0.001	0.001	0.058	0.030

RIO BLANCO OIL SHALE PROJECT   SITE   THREE

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                                  AIR  QUALITY  DATA
HR DY MO YR       SO2    H2S      THC    CH4      NOX    NO        CO      O3
++ ++ ++ ++    +----------------------------------------------------------------------+

 0  5  6 76     0.008  0.005    1.467  1.482    0.001  0.001     0.056  0.030

 1  5  6 76     0.007  0.005    1.512  1.522    0.001  0.001     0.066  0.027

 2  5  6 76     0.007  0.005    1.474  1.489    0.001  0.001     0.049  0.023

 3  5  6 76     0.007  0.005    1.456  1.475    0.001  0.001     0.051  0.024

 4  5  6 76     0.007  0.005    1.476  1.493    0.001  0.001     0.054  0.019

 5  5  6 76     0.007  0.005    1.469  1.488    0.001  0.001     0.043  0.020

 6  5  6 76     0.008  0.006    1.527  1.526    0.001  0.001     0.044  0.023

 7  5  6 76     0.009  0.006    1.472  1.472    0.001  0.001     0.085  0.026

 8  5  6 76     0.008  0.006    1.446  1.433    0.002  0.002     0.135  0.035

 9  5  6 76     0.009  0.007    1.391  1.404    0.002  0.002     0.158  0.036

10  5  6 76     0.010  0.008    1.393  1.402    0.003  0.003     0.152  0.040

11  5  6 76     0.009  0.007    1.369  1.378    0.003  0.003     0.156  0.044

12  5  6 76     0.009  0.006    1.370  1.387    0.002  0.002     0.186  0.045

13  5  6 76     0.010  0.006    1.392  1.392    0.002  0.002     0.413  0.043

14  5  6 76    99.000 99.000   99.000 99.000    0.002  0.002     0.344  0.044

15  5  6 76    99.000 99.000   99.000 99.000    0.002  0.002     0.363  0.043

16  5  6 76    99.000 99.000    1.296  1.318    0.003  0.003     0.373  0.043

17  5  6 76    99.000 99.000    1.383  1.402    0.003  0.003     0.273  0.044

18  5  6 76    99.000 99.000    1.408  1.421    0.003  0.002     0.210  0.045

19  5  6 76    99.000 99.000    1.415  1.428    0.003  0.003     0.263  0.041

20  5  6 76    99.000 99.000    1.455  1.457    0.003  0.003     0.301  0.031

21  5  6 76    99.000 99.000    1.495  1.504    0.002  0.002     0.277  0.030

22  5  6 76    99.000 99.000    1.512  1.514    0.002  0.002     0.250  0.030

23  5  6 76    99.000 99.000    1.480  1.494    0.001  0.001     0.184  0.031
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	6	76	99.000	99.000	1.511	1.521	0.001	0.001	0.176	0.022
1	6	6	76	0.005	0.005	1.540	1.547	0.001	0.001	0.166	0.022
2	6	6	76	0.004	0.004	1.549	1.558	0.001	0.001	0.191	0.021
3	6	6	76	0.004	0.003	1.487	1.504	0.001	0.001	0.172	0.024
4	6	6	76	0.003	0.003	1.482	1.493	0.001	0.001	0.179	0.022
5	6	6	76	0.003	0.003	1.477	1.498	0.001	0.001	0.175	0.021
6	6	6	76	0.003	0.003	1.512	1.530	0.001	0.001	0.204	0.022
7	6	6	76	0.003	0.003	1.565	1.555	0.002	0.002	0.250	0.022
8	6	6	76	0.004	0.003	1.487	1.501	0.003	0.003	0.337	0.037
9	6	6	76	0.004	0.004	1.442	1.458	0.003	0.003	0.402	0.044
10	6	6	76	0.004	0.004	1.423	1.445	0.003	0.003	0.393	0.045
11	6	6	76	0.004	0.004	1.408	1.425	0.003	0.003	0.414	0.045
12	6	6	76	0.004	0.004	1.398	1.408	0.003	0.003	0.361	0.047
13	6	6	76	0.004	0.004	99.000	99.000	0.003	0.003	0.422	0.048
14	6	6	76	0.004	0.004	1.276	1.277	0.003	0.003	0.400	0.049
15	6	6	76	0.004	0.004	1.375	1.361	0.003	0.003	0.434	0.048
16	6	6	76	0.004	0.004	1.398	1.381	0.003	0.003	0.330	0.047
17	6	6	76	0.004	0.004	1.408	1.393	0.003	0.003	0.345	0.047
18	6	6	76	0.004	0.004	1.414	1.398	0.003	0.003	0.324	0.046
19	6	6	76	0.004	0.004	1.414	1.398	0.003	0.003	0.323	0.046
20	6	6	76	0.004	0.004	1.420	1.403	0.003	0.003	0.353	0.044
21	6	6	76	0.004	0.004	1.442	1.421	0.003	0.002	0.276	0.031
22	6	6	76	0.004	0.003	1.453	1.437	0.002	0.002	0.307	0.022
23	6	6	76	0.004	0.003	1.464	1.443	0.002	0.002	0.303	0.030

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	6	76	0.003	0.003	1.468	1.453	0.002	0.002	0.279	0.024
1	7	6	76	0.003	0.003	1.471	1.453	0.002	0.002	0.296	0.023
2	7	6	76	0.003	0.003	1.467	1.450	0.002	0.002	0.322	0.027
3	7	6	76	0.003	0.003	1.476	1.455	0.002	0.002	0.310	0.024
4	7	6	76	0.003	0.003	1.488	1.466	0.002	0.001	0.279	0.022
5	7	6	76	0.003	0.003	1.481	1.460	0.002	0.002	0.279	0.018
6	7	6	76	0.003	0.003	1.465	1.447	0.002	0.002	0.266	0.021
7	7	6	76	0.003	0.003	1.475	1.437	0.003	0.002	0.313	0.028
8	7	6	76	0.003	0.003	1.450	1.426	0.003	0.003	0.355	0.036
9	7	6	76	0.004	0.004	1.423	1.403	0.003	0.003	0.404	0.041
10	7	6	76	0.004	0.004	1.410	1.393	0.003	0.003	0.403	0.042
11	7	6	76	0.004	0.004	1.395	1.378	0.003	0.003	0.427	0.044
12	7	6	76	0.004	0.004	1.381	1.366	0.003	0.003	0.409	0.048
13	7	6	76	0.004	0.004	1.380	1.366	0.003	0.003	0.471	0.050
14	7	6	76	0.004	0.004	1.377	1.365	0.003	0.003	0.359	0.046
15	7	6	76	0.004	0.004	1.383	1.369	0.003	0.002	0.306	0.044
16	7	6	76	0.004	0.004	1.385	1.371	0.002	0.002	0.271	0.043
17	7	6	76	0.004	0.004	1.392	1.377	0.002	0.002	0.305	0.045
18	7	6	76	0.004	0.004	1.398	1.387	0.003	0.002	0.313	0.045
19	7	6	76	0.004	0.004	1.405	1.391	0.003	0.002	0.292	0.044
20	7	6	76	0.004	0.003	1.414	1.397	0.003	0.003	0.270	0.031
21	7	6	76	0.004	0.003	1.445	1.424	0.003	0.002	0.298	0.030
22	7	6	76	0.003	0.003	1.446	1.426	0.002	0.002	0.314	0.031
23	7	6	76	0.003	0.003	1.447	1.428	0.002	0.002	0.286	0.031

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	6	76	0.004	0.003	1.456	1.437	0.002	0.002	0.300	0.032
1	8	6	76	0.004	0.003	1.446	1.428	0.002	0.002	0.281	0.030
2	8	6	76	0.004	0.003	1.445	1.427	0.002	0.002	0.278	0.022
3	8	6	76	0.003	0.003	1.451	1.434	0.002	0.002	0.291	0.021
4	8	6	76	0.004	0.003	1.452	1.433	0.002	0.002	0.283	0.022
5	8	6	76	0.004	0.003	1.452	1.434	0.002	0.002	0.262	0.024
6	8	6	76	0.004	0.003	1.462	1.440	0.003	0.002	0.288	0.025
7	8	6	76	0.004	0.003	1.478	1.432	0.003	0.003	0.299	0.029
8	8	6	76	0.004	0.003	1.432	1.408	0.004	0.003	0.374	0.036
9	8	6	76	0.004	0.004	1.407	1.387	0.004	0.003	0.440	0.046
10	8	6	76	0.004	0.004	1.397	1.380	0.003	0.003	0.444	0.047
11	8	6	76	0.004	0.004	1.390	1.373	0.004	0.003	0.485	0.048
12	8	6	76	0.004	0.004	1.385	1.370	0.004	0.003	0.402	0.050
13	8	6	76	0.004	0.004	1.384	1.370	0.003	0.003	0.390	0.050
14	8	6	76	0.004	0.004	1.386	1.368	0.003	0.003	0.431	0.050
15	8	6	76	0.004	0.004	1.387	1.371	0.003	0.003	0.390	0.050
16	8	6	76	0.004	0.004	1.388	1.375	0.003	0.003	0.399	0.048
17	8	6	76	0.004	0.004	1.390	1.376	0.003	0.003	0.336	0.048
18	8	6	76	0.004	0.004	1.399	1.380	0.003	0.003	0.439	0.048
19	8	6	76	0.004	0.004	1.402	1.384	0.003	0.003	0.448	0.046
20	8	6	76	0.004	0.004	1.413	1.394	0.003	0.003	0.426	0.044
21	8	6	76	0.004	0.003	1.430	1.413	0.003	0.003	0.396	0.036
22	8	6	76	0.003	0.003	1.442	1.425	0.003	0.003	0.385	0.039
23	8	6	76	0.003	0.003	1.451	1.428	0.003	0.003	0.386	0.030

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	6	76	0.004	0.003	1.448	1.427	0.003	0.003	0.422	0.021
1	9	6	76	0.004	0.003	1.441	1.421	0.003	0.002	0.438	0.019
2	9	6	76	0.004	0.003	1.443	1.424	0.002	0.002	0.399	0.020
3	9	6	76	0.003	0.003	1.453	1.435	0.002	0.002	0.394	0.023
4	9	6	76	0.003	0.003	1.445	1.425	0.002	0.002	0.399	0.021
5	9	6	76	0.003	0.003	1.445	1.425	0.002	0.002	0.360	0.017
6	9	6	76	0.004	0.003	1.489	1.446	0.002	0.002	0.357	0.015
7	9	6	76	0.004	0.003	1.450	1.427	0.003	0.003	0.416	0.021
8	9	6	76	0.004	0.003	1.421	1.401	0.003	0.003	0.428	0.031
9	9	6	76	0.004	0.004	1.395	1.379	0.003	0.003	0.344	0.036
10	9	6	76	0.004	0.004	1.381	1.366	0.003	0.003	0.366	0.036
11	9	6	76	0.005	0.004	1.376	1.362	0.003	0.003	0.350	0.037
12	9	6	76	0.004	0.004	1.371	1.357	0.002	0.002	0.343	0.036
13	9	6	76	0.004	0.004	1.372	1.358	0.003	0.003	0.344	0.037
14	9	6	76	0.004	0.004	1.371	1.357	0.002	0.002	0.393	0.036
15	9	6	76	0.004	0.004	1.373	1.358	0.002	0.003	0.353	0.034
16	9	6	76	0.004	0.004	1.375	1.360	0.003	0.003	0.349	0.035
17	9	6	76	0.004	0.004	1.386	1.374	0.002	0.003	0.333	0.035
18	9	6	76	0.004	0.004	1.379	1.364	0.002	0.002	0.369	0.034
19	9	6	76	0.004	0.004	1.382	1.365	0.002	0.002	0.312	0.032
20	9	6	76	0.004	0.004	1.400	1.383	0.002	0.002	0.346	0.023
21	9	6	76	0.004	0.004	1.413	1.394	0.002	0.002	0.273	0.020
22	9	6	76	0.004	0.003	1.440	1.419	0.001	0.001	0.284	0.020
23	9	6	76	0.003	0.003	1.441	1.419	0.001	0.001	0.323	0.020

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	6	76	0.003	0.003	1.444	1.425	0.001	0.001	0.301	0.018
1	10	6	76	0.003	0.003	1.433	1.417	0.001	0.001	0.319	0.016
2	10	6	76	0.004	0.003	1.433	1.415	0.001	0.001	0.270	0.015
3	10	6	76	0.004	0.004	1.437	1.419	0.001	0.001	0.266	0.016
4	10	6	76	0.004	0.003	1.438	1.417	0.001	0.001	0.274	0.014
5	10	6	76	0.004	0.003	1.451	1.429	0.001	0.001	0.256	0.019
6	10	6	76	0.003	0.003	1.442	1.420	0.002	0.002	0.278	0.022
7	10	6	76	0.004	0.003	1.450	1.426	0.002	0.002	0.341	0.029
8	10	6	76	0.004	0.004	1.415	1.392	0.002	0.002	0.367	0.031
9	10	6	76	0.004	0.004	1.395	1.372	0.003	0.003	0.376	0.033
10	10	6	76	0.004	0.004	1.384	1.363	0.003	0.003	0.371	0.034
11	10	6	76	0.004	0.004	1.376	1.360	0.003	0.003	0.450	0.037
12	10	6	76	0.004	0.004	1.374	1.356	0.003	0.003	0.454	0.037
13	10	6	76	0.004	0.004	1.379	1.362	0.003	0.003	0.405	0.036
14	10	6	76	0.004	0.004	1.371	1.353	0.003	0.003	0.484	0.038
15	10	6	76	0.004	0.004	1.366	1.356	0.003	0.003	0.454	0.039
16	10	6	76	0.004	0.004	1.366	1.351	0.003	0.003	0.403	0.038
17	10	6	76	0.005	0.004	1.362	1.347	0.003	0.003	0.411	0.036
18	10	6	76	0.004	0.004	1.366	1.351	0.002	0.002	0.436	0.035
19	10	6	76	0.004	0.004	1.372	1.355	0.002	0.002	0.396	0.034
20	10	6	76	0.004	0.004	1.383	1.364	0.002	0.002	0.379	0.034
21	10	6	76	0.004	0.004	1.394	1.377	0.002	0.002	0.338	0.036
22	10	6	76	0.004	0.004	1.406	1.387	0.002	0.002	0.345	0.036
23	10	6	76	0.004	0.004	1.416	1.396	0.002	0.002	0.427	0.032

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                    RIO BLANCO OIL SHALE PROJECT   SITE   THREE

                                AIR  QUALITY  DATA
HR DY MO YR       SO2     H2S      THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++    +------------------------------------------------------------------+

 0 11  6 76     0.004   0.004    1.425   1.406     0.001   0.001     0.292   0.029

 1 11  6 76     0.004   0.003    1.432   1.413     0.001   0.001     0.347   0.029

 2 11  6 76     0.004   0.004    1.444   1.421     0.001   0.001     0.360   0.027

 3 11  6 76     0.004   0.004    1.439   1.416     0.001   0.001     0.395   0.022

 4 11  6 76     0.004   0.003    1.444   1.423     0.001   0.001     0.368   0.025

 5 11  6 76     0.004   0.003    1.450   1.431     0.001   0.001     0.361   0.029

 6 11  6 76     0.003   0.003    1.461   1.443     0.001   0.001     0.386   0.036

 7 11  6 76     0.004   0.003    1.455   1.434     0.001   0.001     0.444   0.042

 8 11  6 76     0.004   0.004    1.445   1.422     0.001   0.001     0.501   0.045

 9 11  6 76     0.004   0.004    1.435   1.415     0.002   0.002     0.499   0.045

10 11  6 76     0.004   0.004    1.430   1.409     0.002   0.002     0.470   0.046

11 11  6 76     0.004   0.004    1.427   1.406     0.002   0.002     0.503   0.048

12 11  6 76     0.004   0.004    1.427   1.406     0.002   0.002     0.496   0.052

13 11  6 76     0.004   0.004    1.436   1.414     0.002   0.002     0.569   0.053

14 11  6 76     0.004   0.004    1.432   1.410     0.002   0.002     0.497   0.054

15 11  6 76     0.004   0.004    1.426   1.406     0.002   0.002     0.570   0.052

16 11  6 76     0.004   0.004    1.422   1.404     0.002   0.002     0.621   0.050

17 11  6 76     0.004   0.004    1.427   1.406     0.002   0.002     0.583   0.048

18 11  6 76     0.004   0.004    1.438   1.416     0.002   0.002     0.623   0.047

19 11  6 76     0.004   0.004    1.469   1.441     0.003   0.002     0.633   0.044

20 11  6 76     0.004   0.004    1.476   1.452     0.003   0.002     0.724   0.042

21 11  6 76     0.004   0.003    1.483   1.457     0.003   0.002     0.728   0.037

22 11  6 76     0.004   0.004    1.484   1.458     0.003   0.002     0.729   0.038

23 11  6 76     0.004   0.004    1.485   1.461     0.003   0.002     0.737   0.028
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	12	6	76	0.004	0.004	1.478	1.452	0.003	0.002	0.733	0.018
1	12	6	76	0.004	0.003	1.472	1.448	0.003	0.003	0.736	0.024
2	12	6	76	0.004	0.003	1.471	1.446	0.003	0.002	0.739	0.028
3	12	6	76	0.004	0.003	1.470	1.445	0.003	0.002	0.712	0.021
4	12	6	76	0.003	0.003	1.471	1.445	0.003	0.002	0.694	0.019
5	12	6	76	0.004	0.003	1.473	1.450	0.003	0.003	0.689	0.021
6	12	6	76	0.004	0.004	1.483	1.457	0.003	0.003	0.680	0.025
7	12	6	76	0.004	0.004	1.481	1.452	0.003	0.003	0.668	0.034
8	12	6	76	0.004	0.003	1.458	1.434	0.003	0.003	0.695	0.040
9	12	6	76	0.004	0.003	1.453	1.428	0.003	0.003	0.693	0.043
10	12	6	76	0.004	0.004	1.444	1.428	0.003	0.003	0.704	0.046
11	12	6	76	0.004	0.004	1.451	1.440	0.003	0.003	0.722	0.049
12	12	6	76	0.004	0.004	1.437	1.418	0.003	0.003	0.727	0.050
13	12	6	76	0.004	0.004	1.432	1.411	0.003	0.003	0.624	0.049
14	12	6	76	0.004	0.004	1.432	1.411	0.003	0.003	0.642	0.047
15	12	6	76	0.004	0.004	1.435	1.414	0.003	0.003	0.654	0.047
16	12	6	76	0.004	0.004	1.445	1.417	0.003	0.003	0.687	0.047
17	12	6	76	0.004	0.004	1.442	1.421	0.003	0.003	0.645	0.048
18	12	6	76	0.004	0.004	1.443	1.420	0.003	0.002	0.596	0.046
19	12	6	76	0.004	0.004	1.442	1.420	0.003	0.003	0.613	0.045
20	12	6	76	0.004	0.004	1.446	1.426	0.003	0.003	0.615	0.032
21	12	6	76	99.000	99.000	99.000	99.000	0.002	0.002	0.862	0.041
22	12	6	76	0.003	0.003	1.330	1.329	0.002	0.002	0.697	0.031
23	12	6	76	0.003	0.003	1.436	1.417	0.002	0.002	0.698	0.027

```
                       RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                   AIR  QUALITY  DATA
HR DY MO YR         SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++       +-----------------------------------------------------------------+

 0 13  6 76       0.003   0.003    1.451   1.433    0.002   0.002    0.669   0.025

 1 13  6 76       0.003   0.003    1.444   1.428    0.002   0.002    0.719   0.026

 2 13  6 76       0.003   0.003    1.443   1.430    0.002   0.002    0.668   0.026

 3 13  6 76       0.003   0.003    1.450   1.439    0.001   0.001    0.669   0.026

 4 13  6 76       0.003   0.003    1.458   1.445    0.001   0.001    0.653   0.018

 5 13  6 76       0.003   0.003    1.469   1.453    0.001   0.001    0.654   0.018

 6 13  6 76       0.003   0.003    1.479   1.463    0.002   0.001    0.659   0.019

 7 13  6 76       0.003   0.003    1.471   1.451    0.002   0.002    0.662   0.033

 8 13  6 76       0.003   0.003    1.451   1.432    0.002   0.002    0.673   0.041

 9 13  6 76       0.004   0.003   99.000  99.000    0.003   0.003    0.717   0.044

10 13  6 76       0.004   0.003   99.000  99.000    0.003   0.002    0.849   0.052

11 13  6 76       0.004   0.003    1.347   1.321    0.003   0.003    0.818   0.056

12 13  6 76       0.004   0.003    1.389   1.368    0.003   0.002    0.807   0.057

13 13  6 76       0.004   0.003    1.395   1.376    0.003   0.002    0.687   0.056

14 13  6 76       0.004   0.003    1.398   1.381    0.003   0.002    0.738   0.054

15 13  6 76       0.004   0.003    1.411   1.391    0.003   0.002    0.669   0.051

16 13  6 76       0.003   0.003    1.415   1.394    0.003   0.003    0.755   0.049

17 13  6 76       0.004   0.003    1.438   1.405    0.003   0.003    0.750   0.046

18 13  6 76       0.004   0.003    1.443   1.413    0.003   0.003    0.750   0.042

19 13  6 76       0.003   0.003    1.443   1.423    0.002   0.002    0.751   0.037

20 13  6 76       0.003   0.003    1.456   1.439    0.002   0.002    0.760   0.042

21 13  6 76       0.003   0.003    1.459   1.444    0.002   0.002    0.694   0.048

22 13  6 76       0.003   0.003    1.464   1.449    0.001   0.001    0.697   0.046

23 13  6 76       0.003   0.003    1.467   1.452    0.001   0.001    0.691   0.046
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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                     AIR  QUALITY  DATA
HR DY MO YR      SO2      H2S       THC      CH4       NOX      NO        CO       O3
++ ++ ++ ++   +-------------------------------------------------------------------------+

 0 14  6 76    0.003    0.003     1.465    1.453     0.001    0.001     0.677    0.047

 1 14  6 76    0.003    0.003     1.491    1.462     0.001    0.001     0.676    0.047

 2 14  6 76    0.003    0.003     1.474    1.460     0.001    0.001     0.670    0.045

 3 14  6 76    0.003    0.003     1.483    1.469     0.001    0.001     0.647    0.047

 4 14  6 76    0.003    0.003     1.481    1.469     0.001    0.001     0.580    0.039

 5 14  6 76    0.003    0.003     1.478    1.463     0.001    0.001     0.528    0.032

 6 14  6 76    0.003    0.003     1.502    1.471     0.001    0.001     0.521    0.031

 7 14  6 76    0.003    0.003     1.490    1.470     0.001    0.001     0.621    0.040

 8 14  6 76    0.003    0.003     1.483    1.466     0.001    0.001     0.678    0.042

 9 14  6 76    0.003    0.003     1.483    1.463     0.002    0.002     0.680    0.041

10 14  6 76    0.003    0.003     1.489    1.465     0.002    0.002     0.695    0.041

11 14  6 76    0.003    0.003     1.478    1.455     0.002    0.002     0.746    0.041

12 14  6 76    0.003    0.003     1.468    1.449     0.002    0.002     0.745    0.043

13 14  6 76    0.003    0.003     1.465    1.446     0.002    0.002     0.707    0.045

14 14  6 76    0.003    0.003     1.458    1.438     0.002    0.002     0.643    0.046

15 14  6 76    0.003    0.003     1.453    1.432     0.002    0.002     0.710    0.046

16 14  6 76    0.003    0.003     1.454    1.429     0.002    0.002     0.733    0.047

17 14  6 76    0.003    0.003     1.457    1.432     0.002    0.002     0.731    0.047

18 14  6 76    0.003    0.003     1.470    1.441     0.002    0.002     0.728    0.046

19 14  6 76    0.003    0.003     1.470    1.440     0.002    0.002     0.673    0.043

20 14  6 76    0.003    0.003     1.498    1.453     0.002    0.002     0.792    0.036

21 14  6 76    0.003    0.003     1.501    1.469     0.002    0.002     0.893    0.020

22 14  6 76    0.003    0.003     1.497    1.477     0.002    0.002     0.894    0.017

23 14  6 76    0.003    0.003     1.493    1.474     0.002    0.001     0.899    0.017
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	15	6	76	0.003	0.003	1.499	1.481	0.001	0.001	0.903	0.016
1	15	6	76	0.003	0.003	1.496	1.477	0.001	0.001	0.920	0.015
2	15	6	76	0.003	0.003	1.496	1.479	0.001	0.001	0.900	0.016
3	15	6	76	0.003	0.003	1.495	1.479	0.001	0.001	0.914	0.016
4	15	6	76	0.003	0.003	1.499	1.480	0.001	0.001	0.911	0.014
5	15	6	76	0.003	0.003	1.502	1.483	0.001	0.001	0.931	0.013
6	15	6	76	0.003	0.003	1.499	1.479	0.001	0.001	0.931	0.015
7	15	6	76	0.003	0.003	1.508	1.482	0.001	0.001	0.918	0.020
8	15	6	76	0.003	0.003	1.494	1.472	0.002	0.002	0.951	0.029
9	15	6	76	0.003	0.003	1.474	1.454	0.002	0.002	0.947	0.036
10	15	6	76	0.004	0.003	1.463	1.435	0.003	0.002	0.981	0.038
11	15	6	76	0.004	0.004	1.443	1.419	0.003	0.003	0.981	0.040
12	15	6	76	0.004	0.004	1.439	1.413	0.003	0.003	1.037	0.040
13	15	6	76	0.004	0.004	1.435	1.414	0.003	0.002	1.011	0.039
14	15	6	76	0.004	0.003	1.443	1.417	0.003	0.002	1.008	0.042
15	15	6	76	0.004	0.004	1.440	1.414	0.002	0.002	0.990	0.044
16	15	6	76	0.004	0.004	1.432	1.408	0.002	0.002	0.981	0.044
17	15	6	76	0.004	0.004	1.426	1.403	0.002	0.002	0.941	0.046
18	15	6	76	0.004	0.004	1.434	1.412	0.002	0.002	0.958	0.044
19	15	6	76	0.004	0.004	1.444	1.424	0.003	0.002	1.002	0.041
20	15	6	76	0.004	0.004	1.457	1.433	0.003	0.003	0.948	0.030
21	15	6	76	0.004	0.003	1.478	1.452	0.002	0.002	0.994	0.026
22	15	6	76	0.004	0.003	1.473	1.448	0.002	0.001	0.954	0.026
23	15	6	76	0.004	0.003	1.496	1.470	0.001	0.001	0.910	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	6	76	0.003	0.003	1.474	1.454	0.001	0.001	0.925	0.031
1	16	6	76	0.003	0.003	1.478	1.462	0.001	0.001	0.891	0.028
2	16	6	76	0.003	0.003	1.470	1.446	0.001	0.001	0.906	0.027
3	16	6	76	0.004	0.003	1.432	1.467	0.002	0.001	0.910	0.025
4	16	6	76	0.004	0.003	1.464	1.449	0.001	0.001	0.934	0.029
5	16	6	76	0.003	0.003	1.461	1.444	0.002	0.001	0.906	0.030
6	16	6	76	0.003	0.003	1.455	1.431	0.002	0.002	0.891	0.027
7	16	6	76	0.003	0.003	1.485	1.477	0.002	0.002	0.942	0.034
8	16	6	76	0.003	0.003	1.448	1.432	0.002	0.002	0.972	0.044
9	16	6	76	0.004	0.003	1.426	1.408	0.002	0.002	0.909	0.050
10	16	6	76	0.004	0.003	1.416	1.400	0.002	0.002	1.009	0.052
11	16	6	76	0.004	0.003	1.414	1.397	0.002	0.002	0.989	0.052
12	16	6	76	0.004	0.003	1.416	1.397	0.002	0.002	0.877	0.053
13	16	6	76	0.004	0.004	1.411	1.392	0.003	0.002	0.962	0.053
14	16	6	76	0.004	0.004	1.405	1.381	0.003	0.003	1.027	0.052
15	16	6	76	0.004	0.004	1.447	1.401	0.003	0.003	1.001	0.051
16	16	6	76	0.004	0.004	1.429	1.395	0.003	0.003	1.001	0.049
17	16	6	76	0.004	0.004	1.408	1.368	0.003	0.003	1.091	0.045
18	16	6	76	0.004	0.004	1.409	1.389	0.003	0.003	1.082	0.045
19	16	6	76	0.004	0.004	1.415	1.392	0.003	0.003	1.072	0.044
20	16	6	76	0.004	0.003	1.428	1.405	0.003	0.003	1.093	0.047
21	16	6	76	0.003	0.003	1.443	1.415	0.003	0.002	1.091	0.046
22	16	6	76	0.004	0.003	1.445	1.423	0.003	0.003	1.153	0.054
23	16	6	76	0.004	0.003	1.446	1.425	0.003	0.003	1.199	0.044

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	6	76	0.004	0.003	1.448	1.423	0.003	0.003	1.167	0.061
1	17	6	76	0.003	0.003	1.438	1.419	0.003	0.002	1.139	0.064
2	17	6	76	0.003	0.003	1.453	1.431	0.003	0.002	1.161	0.046
3	17	6	76	0.003	0.003	1.443	1.415	0.003	0.002	1.176	0.028
4	17	6	76	0.003	0.003	1.434	1.408	0.003	0.002	1.163	0.019
5	17	6	76	0.003	0.003	1.428	1.408	0.003	0.002	1.144	0.017
6	17	6	76	0.004	0.003	1.431	1.411	0.003	0.002	1.166	0.017
7	17	6	76	0.003	0.003	1.436	1.418	0.003	0.003	1.193	0.022
8	17	6	76	0.003	0.003	1.438	1.420	0.003	0.003	1.211	0.027
9	17	6	76	0.003	0.003	1.435	1.420	0.003	0.003	1.302	0.042
10	17	6	76	0.003	0.003	1.428	1.412	0.003	0.003	1.216	0.045
11	17	6	76	0.004	0.003	1.418	1.403	0.003	0.003	1.239	0.049
12	17	6	76	0.004	0.003	1.422	1.406	0.004	0.003	1.265	0.050
13	17	6	76	0.003	0.003	1.407	1.395	0.003	0.003	1.196	0.052
14	17	6	76	0.004	0.003	1.405	1.391	0.003	0.003	1.126	0.051
15	17	6	76	0.004	0.004	1.424	1.408	0.004	0.005	0.501	0.048
16	17	6	76	0.004	0.003	1.433	1.413	0.003	0.003	0.000	0.053
17	17	6	76	0.003	0.003	1.434	1.407	0.003	0.003	0.000	0.054
18	17	6	76	0.003	0.003	1.430	1.408	0.003	0.003	0.000	0.044
19	17	6	76	0.003	0.003	1.433	1.418	0.003	0.003	0.000	0.044
20	17	6	76	0.003	0.003	1.460	1.440	0.003	0.003	0.000	0.033
21	17	6	76	0.003	0.003	1.472	1.446	0.003	0.002	0.000	0.017
22	17	6	76	0.003	0.003	1.460	1.434	0.003	0.002	0.000	0.037
23	17	6	76	0.004	0.003	1.454	1.437	0.002	0.002	0.000	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	6	76	0.003	0.003	1.459	1.439	0.002	0.002	0.000	0.017
1	18	6	76	0.003	0.003	1.462	1.442	0.002	0.002	0.000	0.015
2	18	6	76	0.003	0.003	1.468	1.446	0.002	0.002	0.000	0.013
3	18	6	76	0.003	0.003	1.458	1.437	0.002	0.002	0.000	0.012
4	18	6	76	0.003	0.003	1.458	1.438	0.002	0.002	0.000	0.010
5	18	6	76	0.003	0.003	1.463	1.444	0.002	0.002	0.000	0.008
6	18	6	76	0.003	0.003	1.472	1.447	0.002	0.002	0.000	0.010
7	18	6	76	0.003	0.003	1.463	1.440	0.003	0.003	0.000	0.023
8	18	6	76	0.003	0.003	1.467	1.437	0.003	0.003	0.000	0.033
9	18	6	76	0.004	0.003	1.438	1.415	0.004	0.003	0.000	0.043
10	18	6	76	0.004	0.004	1.421	1.401	0.003	0.003	0.000	0.047
11	18	6	76	0.004	0.004	1.426	1.405	0.003	0.003	0.000	0.048
12	18	6	76	0.004	0.003	1.421	1.400	0.003	0.003	0.000	0.050
13	18	6	76	0.004	0.003	1.416	1.397	0.003	0.003	0.000	0.051
14	18	6	76	0.004	0.003	1.416	1.396	0.003	0.003	0.000	0.052
15	18	6	76	0.004	0.004	1.415	1.393	0.003	0.003	0.000	0.052
16	18	6	76	0.004	0.003	1.429	1.403	0.003	0.003	0.000	0.051
17	18	6	76	0.004	0.003	1.442	1.408	0.003	0.003	0.000	0.052
18	18	6	76	0.004	0.004	1.426	1.402	0.003	0.003	0.000	0.049
19	18	6	76	0.004	0.004	1.424	1.404	0.003	0.003	0.000	0.045
20	18	6	76	0.004	0.004	1.448	1.423	0.003	0.003	0.000	0.034
21	18	6	76	0.004	0.003	1.471	1.450	0.003	0.003	0.000	0.019
22	18	6	76	0.003	0.003	1.486	1.463	0.002	0.002	0.000	0.017
23	18	6	76	0.003	0.003	1.498	1.472	0.002	0.002	0.000	0.016

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	6	76	0.004	0.003	1.504	1.482	0.002	0.002	0.000	0.017
1	19	6	76	0.004	0.003	1.512	1.491	0.002	0.002	0.000	0.015
2	19	6	76	0.003	0.003	1.515	1.493	0.002	0.002	0.000	0.015
3	19	6	76	0.003	0.003	1.500	1.477	0.002	0.001	0.000	0.015
4	19	6	76	0.003	0.003	1.518	1.506	0.001	0.001	0.000	0.011
5	19	6	76	0.003	0.003	1.490	1.477	0.001	0.001	0.000	0.009
6	19	6	76	0.003	0.003	1.484	1.463	0.002	0.001	0.000	0.016
7	19	6	76	0.004	0.003	1.497	1.476	0.002	0.002	0.000	0.022
8	19	6	76	0.004	0.003	1.466	1.444	0.003	0.003	0.000	0.027
9	19	6	76	0.004	0.003	1.441	1.422	0.003	0.003	0.000	0.035
10	19	6	76	0.004	0.004	1.432	1.406	0.003	0.003	0.000	0.044
11	19	6	76	0.004	0.004	1.411	1.392	0.003	0.003	0.000	0.055
12	19	6	76	0.004	0.004	1.409	1.388	0.003	0.003	0.000	0.058
13	19	6	76	0.004	0.004	1.409	1.388	0.003	0.002	0.000	0.057
14	19	6	76	0.004	0.004	1.404	1.385	0.003	0.003	0.000	0.056
15	19	6	76	0.004	0.004	1.399	1.379	0.003	0.003	0.000	0.056
16	19	6	76	0.004	0.004	1.396	1.378	0.003	0.003	0.000	0.055
17	19	6	76	0.004	0.004	1.395	1.377	0.003	0.003	0.000	0.054
18	19	6	76	0.004	0.004	1.391	1.375	0.003	0.003	0.000	0.049
19	19	6	76	0.004	0.004	1.400	1.378	0.003	0.003	0.000	0.038
20	19	6	76	0.004	0.004	1.400	1.380	0.003	0.003	0.000	0.027
21	19	6	76	0.004	0.004	1.424	1.403	0.003	0.002	0.000	0.028
22	19	6	76	0.004	0.003	1.445	1.425	0.002	0.002	0.000	0.027
23	19	6	76	0.003	0.003	1.451	1.426	0.002	0.002	0.000	0.026

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	6	76	0.003	0.003	1.448	1.424	0.002	0.002	0.000	0.018
1	20	6	76	0.004	0.003	1.444	1.423	0.002	0.002	0.000	0.015
2	20	6	76	0.004	0.003	1.450	1.428	0.002	0.002	0.000	0.019
3	20	6	76	0.004	0.003	1.439	1.421	0.002	0.002	0.000	0.019
4	20	6	76	0.004	0.003	1.440	1.423	0.002	0.002	0.000	0.019
5	20	6	76	0.003	0.003	1.439	1.435	0.002	0.002	0.000	0.017
6	20	6	76	0.004	0.003	1.470	1.459	0.002	0.002	0.000	0.016
7	20	6	76	0.003	0.003	1.452	1.432	0.003	0.003	0.000	0.023
8	20	6	76	0.004	0.003	1.496	1.436	0.003	0.003	0.000	0.033
9	20	6	76	0.004	0.004	1.421	1.405	0.003	0.003	0.000	0.038
10	20	6	76	0.004	0.004	1.380	1.366	0.003	0.003	0.000	0.047
11	20	6	76	0.004	0.004	1.368	1.353	0.003	0.003	0.000	0.052
12	20	6	76	0.004	0.004	1.366	1.352	0.003	0.003	0.000	0.055
13	20	6	76	0.004	0.004	1.358	1.344	0.003	0.003	0.000	0.053
14	20	6	76	0.004	0.004	1.360	1.343	0.003	0.003	0.000	0.052
15	20	6	76	0.004	0.004	1.361	1.345	0.003	0.003	0.000	0.052
16	20	6	76	0.004	0.004	1.358	1.348	0.003	0.003	0.000	0.051
17	20	6	76	99.000	99.000	99.000	99.000	0.003	0.003	0.044	0.053
18	20	6	76	0.007	0.004	1.296	1.283	0.003	0.003	0.000	0.051
19	20	6	76	0.004	0.004	1.351	1.337	0.003	0.003	0.000	0.049
20	20	6	76	0.004	0.004	1.420	1.418	0.003	0.003	0.000	0.044
21	20	6	76	0.004	0.003	1.405	1.390	0.003	0.003	0.000	0.033
22	20	6	76	0.004	0.003	1.404	1.389	0.003	0.002	0.000	0.031
23	20	6	76	0.003	0.003	1.413	1.394	0.002	0.002	0.000	0.035

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	21	6	76	0.003	0.003	1.417	1.404	0.002	0.002	0.000	0.032
1	21	6	76	0.004	0.003	1.419	1.405	0.002	0.001	0.000	0.032
2	21	6	76	0.004	0.003	1.414	1.399	0.001	0.001	0.000	0.034
3	21	6	76	0.003	0.003	1.412	1.397	0.001	0.001	0.000	0.033
4	21	6	76	0.003	0.003	1.428	1.409	0.001	0.001	0.000	0.026
5	21	6	76	0.003	0.003	1.437	1.419	0.001	0.001	0.000	0.025
6	21	6	76	0.003	0.003	1.445	1.419	0.001	0.001	0.000	0.022
7	21	6	76	0.003	0.003	1.429	1.406	0.002	0.002	0.000	0.026
8	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
9	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
10	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
11	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
14	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	21	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	21	6	76	0.004	0.003	1.346	1.332	0.002	0.002	0.000	0.048
18	21	6	76	0.004	0.004	1.345	1.333	0.002	0.002	0.000	0.049
19	21	6	76	0.004	0.004	1.351	1.343	0.002	0.002	0.000	0.049
20	21	6	76	0.004	0.004	1.384	1.375	0.003	0.003	0.000	0.034
21	21	6	76	0.004	0.004	1.396	1.385	0.003	0.002	0.000	0.031
22	21	6	76	0.004	0.003	1.419	1.413	0.002	0.002	0.000	0.026
23	21	6	76	0.004	0.003	1.447	1.427	0.002	0.002	0.000	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	6	76	0.004	0.003	1.411	1.393	0.002	0.002	0.000	0.034
1	22	6	76	0.004	0.003	1.421	1.391	0.003	0.003	0.000	0.029
2	22	6	76	0.004	0.003	1.399	1.388	0.003	0.003	0.000	0.020
3	22	6	76	0.004	0.003	1.386	1.379	0.003	0.003	0.000	0.025
4	22	6	76	0.004	0.003	1.395	1.383	0.003	0.003	0.000	0.038
5	22	6	76	0.004	0.003	1.391	1.379	0.003	0.003	0.000	0.035
6	22	6	76	0.004	0.004	1.402	1.383	0.004	0.004	0.049	0.031
7	22	6	76	0.004	0.003	1.393	1.379	0.004	0.004	0.080	0.028
8	22	6	76	0.004	0.003	1.390	1.373	0.004	0.004	0.092	0.030
9	22	6	76	0.004	0.003	1.371	1.359	0.004	0.004	0.092	0.035
10	22	6	76	0.004	0.003	1.362	1.351	0.004	0.004	0.150	0.040
11	22	6	76	0.004	0.004	1.354	1.344	0.004	0.004	0.102	0.040
12	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
14	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	22	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	22	6	76	0.004	0.004	1.374	1.353	0.005	0.004	0.115	0.038
19	22	6	76	0.004	0.003	1.383	1.363	0.004	0.003	0.141	0.046
20	22	6	76	0.004	0.003	1.399	1.379	0.003	0.003	0.131	0.045
21	22	6	76	0.004	0.003	1.397	1.379	0.003	0.002	0.119	0.043
22	22	6	76	0.004	0.003	1.399	1.385	0.003	0.002	0.117	0.040
23	22	6	76	0.004	0.003	1.410	1.398	0.003	0.003	0.085	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	6	76	0.004	0.003	1.408	1.396	0.003	0.002	0.078	0.023
1	23	6	76	0.003	0.003	1.417	1.405	0.002	0.002	0.070	0.017
2	23	6	76	0.004	0.003	1.420	1.410	0.002	0.002	0.026	0.018
3	23	6	76	0.004	0.003	1.418	1.401	0.002	0.002	0.040	0.018
4	23	6	76	0.004	0.003	1.423	1.406	0.002	0.002	0.041	0.019
5	23	6	76	0.003	0.003	1.427	1.411	0.002	0.002	0.029	0.015
6	23	6	76	0.003	0.003	1.429	1.414	0.003	0.002	0.063	0.015
7	23	6	76	0.003	0.003	1.428	1.410	0.003	0.002	0.088	0.027
8	23	6	76	0.004	0.003	1.415	1.397	0.003	0.003	0.076	0.042
9	23	6	76	0.004	0.003	1.417	1.391	0.003	0.003	0.024	0.046
10	23	6	76	0.004	0.003	1.431	1.399	0.003	0.003	0.040	0.048
11	23	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	23	6	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	23	6	76	0.004	0.003	1.394	1.375	0.004	0.004	0.000	0.053
14	23	6	76	0.004	0.003	1.395	1.379	0.005	0.004	0.000	0.055
15	23	6	76	0.004	0.003	1.399	1.383	0.005	0.004	0.000	0.055
16	23	6	76	0.004	0.003	1.397	1.383	0.005	0.004	0.000	0.056
17	23	6	76	0.004	0.003	1.400	1.384	0.004	0.004	0.000	0.057
18	23	6	76	0.004	0.003	1.420	1.399	0.005	0.004	0.000	0.053
19	23	6	76	0.004	0.003	1.421	1.401	0.005	0.004	0.000	0.053
20	23	6	76	0.004	0.003	1.460	1.444	0.005	0.004	0.000	0.040
21	23	6	76	0.004	0.003	1.470	1.450	0.005	0.004	0.020	0.028
22	23	6	76	0.003	0.003	1.470	1.453	0.004	0.004	0.066	0.026
23	23	6	76	0.003	0.003	1.474	1.450	0.004	0.003	0.036	0.031

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	6	76	0.004	0.003	1.473	1.455	0.004	0.003	0.010	0.024
1	24	6	76	0.003	0.003	1.458	1.442	0.003	0.003	0.000	0.024
2	24	6	76	0.003	0.003	1.463	1.447	0.003	0.002	0.000	0.028
3	24	6	76	0.003	0.003	1.470	1.450	0.003	0.002	0.000	0.028
4	24	6	76	0.003	0.003	1.468	1.448	0.003	0.002	0.000	0.027
5	24	6	76	0.004	0.003	1.481	1.461	0.003	0.002	0.000	0.025
6	24	6	76	0.003	0.003	1.476	1.457	0.003	0.002	0.000	0.029
7	24	6	76	0.003	0.003	1.465	1.443	0.004	0.003	0.000	0.034
8	24	6	76	0.003	0.003	1.483	1.459	0.004	0.004	0.002	0.036
9	24	6	76	0.004	0.003	1.442	1.421	0.005	0.004	0.000	0.049
10	24	6	76	0.004	0.004	1.437	1.416	0.005	0.005	0.000	0.052
11	24	6	76	0.004	0.004	1.431	1.405	0.005	0.005	0.000	0.053
12	24	6	76	0.004	0.004	1.416	1.398	0.005	0.005	0.000	0.055
13	24	6	76	0.004	0.004	1.414	1.396	0.005	0.004	0.000	0.054
14	24	6	76	0.004	0.004	1.412	1.393	0.005	0.004	0.000	0.056
15	24	6	76	0.004	0.004	1.409	1.397	0.004	0.004	0.007	0.055
16	24	6	76	0.004	0.004	1.409	1.393	0.004	0.004	0.028	0.056
17	24	6	76	0.004	0.004	1.407	1.391	0.004	0.004	0.039	0.055
18	24	6	76	0.004	0.004	1.410	1.393	0.004	0.004	0.034	0.055
19	24	6	76	0.004	0.004	1.412	1.397	0.004	0.004	0.039	0.051
20	24	6	76	0.004	0.004	1.445	1.422	0.005	0.005	0.010	0.037
21	24	6	76	0.004	0.004	1.457	1.436	0.004	0.003	0.044	0.036
22	24	6	76	0.004	0.004	1.467	1.444	0.003	0.003	0.047	0.036
23	24	6	76	0.004	0.004	1.469	1.447	0.003	0.002	0.053	0.031

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	25	6	76	0.004	0.004	1.466	1.440	0.003	0.002	0.064	0.028
1	25	6	76	0.004	0.003	1.462	1.440	0.002	0.002	0.041	0.031
2	25	6	76	0.004	0.003	1.456	1.435	0.002	0.002	0.034	0.032
3	25	6	76	0.004	0.003	1.456	1.436	0.002	0.001	0.052	0.030
4	25	6	76	0.004	0.003	1.453	1.432	0.002	0.001	0.030	0.028
5	25	6	76	0.004	0.004	1.458	1.439	0.002	0.002	0.041	0.026
6	25	6	76	0.004	0.004	1.486	1.460	0.002	0.002	0.021	0.025
7	25	6	76	0.004	0.003	1.468	1.462	0.003	0.003	0.061	0.028
8	25	6	76	0.004	0.003	1.453	1.437	0.004	0.004	0.111	0.034
9	25	6	76	0.004	0.004	1.418	1.401	0.004	0.004	0.090	0.042
10	25	6	76	0.004	0.004	1.398	1.382	0.005	0.004	0.135	0.043
11	25	6	76	0.005	0.004	1.390	1.374	0.005	0.004	0.135	0.044
12	25	6	76	0.004	0.004	1.390	1.377	0.005	0.004	0.187	0.044
13	25	6	76	0.004	0.004	1.387	1.373	0.004	0.004	0.049	0.042
14	25	6	76	0.004	0.004	1.385	1.370	0.004	0.004	0.078	0.042
15	25	6	76	0.004	0.004	1.371	1.360	0.004	0.004	0.165	0.041
16	25	6	76	0.004	0.004	1.362	1.351	0.004	0.004	0.071	0.039
17	25	6	76	0.004	0.004	1.361	1.350	0.004	0.004	0.049	0.038
18	25	6	76	0.004	0.004	1.369	1.354	0.004	0.004	0.094	0.037
19	25	6	76	0.004	0.004	1.382	1.366	0.004	0.003	0.143	0.037
20	25	6	76	0.004	0.004	1.399	1.381	0.004	0.004	0.124	0.028
21	25	6	76	0.004	0.004	1.409	1.394	0.003	0.003	0.156	0.030
22	25	6	76	0.004	0.003	1.419	1.402	0.003	0.003	0.191	0.024
23	25	6	76	0.004	0.004	1.447	1.423	0.003	0.002	0.190	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	6	76	0.004	0.004	1.484	1.465	0.003	0.002	0.207	0.024
1	26	6	76	0.004	0.003	1.441	1.423	0.003	0.003	0.207	0.027
2	26	6	76	0.004	0.003	1.439	1.426	0.003	0.002	0.185	0.027
3	26	6	76	0.004	0.003	1.437	1.422	0.002	0.002	0.095	0.027
4	26	6	76	0.004	0.003	1.452	1.431	0.003	0.002	0.128	0.027
5	26	6	76	0.004	0.003	1.448	1.424	0.003	0.003	0.170	0.023
6	26	6	76	0.004	0.003	1.483	1.452	0.004	0.003	0.172	0.021
7	26	6	76	0.004	0.004	1.467	1.440	0.004	0.003	0.236	0.037
8	26	6	76	0.004	0.003	1.451	1.432	0.005	0.004	0.200	0.040
9	26	6	76	0.004	0.004	1.440	1.420	0.005	0.005	0.243	0.041
10	26	6	76	0.004	0.004	1.435	1.411	0.006	0.005	0.264	0.043
11	26	6	76	0.004	0.004	1.437	1.411	0.006	0.005	0.241	0.045
12	26	6	76	0.004	0.004	1.429	1.404	0.006	0.005	0.250	0.047
13	26	6	76	0.004	0.004	1.422	1.399	0.006	0.005	0.273	0.048
14	26	6	76	0.004	0.004	1.411	1.390	0.005	0.005	0.171	0.048
15	26	6	76	0.004	0.004	1.401	1.383	0.006	0.005	0.163	0.048
16	26	6	76	0.004	0.004	1.401	1.381	0.006	0.005	0.159	0.048
17	26	6	76	0.004	0.004	1.402	1.379	0.006	0.005	0.112	0.048
18	26	6	76	0.004	0.004	1.406	1.384	0.006	0.005	0.141	0.047
19	26	6	76	0.004	0.004	1.417	1.391	0.005	0.005	0.166	0.047
20	26	6	76	0.004	0.004	1.464	1.437	0.007	0.006	0.186	0.030
21	26	6	76	0.004	0.004	1.485	1.458	0.005	0.004	0.168	0.029
22	26	6	76	0.004	0.004	1.503	1.465	0.004	0.003	0.163	0.033
23	26	6	76	0.004	0.004	1.542	1.493	0.003	0.003	0.137	0.033

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	6	76	0.004	0.003	1.516	1.479	0.003	0.002	0.108	0.037
1	27	6	76	0.004	0.003	1.539	1.504	0.002	0.001	0.114	0.030
2	27	6	76	0.004	0.003	1.517	1.494	0.002	0.001	0.128	0.031
3	27	6	76	0.004	0.003	1.512	1.485	0.002	0.001	0.103	0.032
4	27	6	76	0.004	0.004	1.497	1.472	0.002	0.002	0.116	0.033
5	27	6	76	0.004	0.004	1.508	1.481	0.002	0.001	0.130	0.028
6	27	6	76	0.004	0.003	1.522	1.492	0.002	0.002	0.138	0.025
7	27	6	76	0.004	0.003	1.485	1.456	0.004	0.003	0.183	0.029
8	27	6	76	0.004	0.003	1.466	1.438	0.004	0.004	0.222	0.035
9	27	6	76	0.004	0.004	1.458	1.431	0.005	0.005	0.208	0.043
10	27	6	76	0.004	0.004	1.433	1.409	0.006	0.005	0.215	0.044
11	27	6	76	0.005	0.004	1.414	1.392	0.005	0.005	0.220	0.051
12	27	6	76	0.004	0.004	1.405	1.386	0.005	0.005	0.221	0.051
13	27	6	76	0.004	0.004	1.410	1.389	0.005	0.005	0.165	0.053
14	27	6	76	0.004	0.004	1.402	1.384	0.005	0.005	0.184	0.052
15	27	6	76	0.004	0.004	1.400	1.376	0.005	0.004	0.216	0.052
16	27	6	76	0.004	0.004	1.398	1.378	0.005	0.005	0.178	0.051
17	27	6	76	0.004	0.004	1.395	1.377	0.005	0.005	0.185	0.049
18	27	6	76	0.004	0.004	1.400	1.378	0.005	0.004	0.215	0.050
19	27	6	76	0.004	0.004	1.407	1.382	0.005	0.004	0.235	0.048
20	27	6	76	0.004	0.004	1.497	1.452	0.006	0.005	0.258	0.031
21	27	6	76	0.004	0.004	1.482	1.449	0.004	0.003	0.245	0.033
22	27	6	76	0.004	0.004	1.506	1.465	0.003	0.002	0.215	0.035
23	27	6	76	0.004	0.004	1.538	1.491	0.003	0.002	0.158	0.031

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	6	76	0.004	0.004	1.513	1.474	0.003	0.002	0.169	0.031
1	28	6	76	0.004	0.004	1.482	1.454	0.003	0.003	0.197	0.033
2	28	6	76	0.004	0.004	1.469	1.450	0.003	0.003	0.183	0.033
3	28	6	76	0.004	0.003	1.471	1.454	0.003	0.003	0.201	0.031
4	28	6	76	0.004	0.003	1.494	1.475	0.003	0.003	0.165	0.024
5	28	6	76	0.004	0.004	1.493	1.482	0.003	0.003	0.176	0.023
6	28	6	76	0.004	0.004	1.492	1.473	0.003	0.003	0.169	0.024
7	28	6	76	0.004	0.003	1.483	1.453	0.005	0.005	0.252	0.026
8	28	6	76	0.004	0.003	1.439	1.415	0.006	0.006	0.313	0.029
9	28	6	76	0.004	0.004	1.509	1.476	0.006	0.006	0.344	0.041
10	28	6	76	0.004	0.004	1.475	1.426	0.006	0.006	0.279	0.046
11	28	6	76	0.004	0.004	1.439	1.403	0.006	0.006	0.214	0.051
12	28	6	76	0.004	0.004	1.418	1.386	0.006	0.006	0.211	0.052
13	28	6	76	0.004	0.004	1.415	1.375	0.005	0.005	0.149	0.053
14	28	6	76	0.004	0.004	1.391	1.371	0.006	0.005	0.191	0.055
15	28	6	76	0.004	0.004	1.387	1.364	0.006	0.005	0.161	0.058
16	28	6	76	0.004	0.004	1.383	1.361	0.005	0.005	0.142	0.058
17	28	6	76	0.004	0.004	1.386	1.361	0.005	0.004	0.207	0.057
18	28	6	76	0.004	0.004	1.397	1.367	0.006	0.005	0.240	0.051
19	28	6	76	0.004	0.004	1.488	1.441	0.006	0.006	0.299	0.043
20	28	6	76	0.004	0.004	1.457	1.434	0.007	0.006	0.330	0.032
21	28	6	76	0.004	0.004	1.436	1.411	0.005	0.005	0.267	0.033
22	28	6	76	0.004	0.004	1.437	1.417	0.004	0.004	0.254	0.032
23	28	6	76	0.004	0.004	1.448	1.429	0.003	0.003	0.238	0.032

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	6	76	0.004	0.004	1.449	1.429	0.003	0.003	0.231	0.033
1	29	6	76	0.004	0.003	1.451	1.431	0.003	0.002	0.234	0.032
2	29	6	76	0.004	0.003	1.449	1.430	0.003	0.003	0.226	0.030
3	29	6	76	0.004	0.003	1.446	1.426	0.002	0.002	0.206	0.030
4	29	6	76	0.003	0.003	1.458	1.439	0.002	0.002	0.232	0.027
5	29	6	76	0.004	0.003	1.460	1.438	0.002	0.002	0.217	0.024
6	29	6	76	0.004	0.003	1.453	1.429	0.003	0.002	0.221	0.026
7	29	6	76	0.004	0.003	1.434	1.416	0.004	0.004	0.240	0.029
8	29	6	76	0.004	0.004	1.412	1.391	0.005	0.005	0.304	0.036
9	29	6	76	0.004	0.004	1.393	1.375	0.006	0.005	0.331	0.039
10	29	6	76	0.004	0.004	1.381	1.363	0.007	0.006	0.306	0.040
11	29	6	76	0.005	0.004	1.374	1.356	0.007	0.006	0.314	0.041
12	29	6	76	0.004	0.004	1.376	1.359	0.006	0.006	0.334	0.042
13	29	6	76	0.004	0.004	1.395	1.380	0.007	0.006	0.353	0.039
14	29	6	76	0.004	0.004	1.383	1.371	0.006	0.006	0.365	0.042
15	29	6	76	0.004	0.004	1.385	1.368	0.005	0.005	0.326	0.046
16	29	6	76	0.004	0.004	1.375	1.359	0.005	0.005	0.287	0.047
17	29	6	76	0.004	0.004	1.377	1.360	0.005	0.005	0.295	0.048
18	29	6	76	0.004	0.004	1.377	1.359	0.005	0.004	0.309	0.047
19	29	6	76	0.004	0.004	1.382	1.364	0.005	0.005	0.356	0.046
20	29	6	76	0.004	0.004	1.408	1.395	0.006	0.006	0.365	0.030
21	29	6	76	0.004	0.004	1.421	1.404	0.005	0.005	0.351	0.028
22	29	6	76	0.004	0.004	1.454	1.423	0.004	0.004	0.432	0.027
23	29	6	76	0.004	0.003	1.454	1.437	0.004	0.003	0.434	0.027

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                  RIO BLANCO OIL SHALE PROJECT   SITE   THREE

                             AIR  QUALITY  DATA
HR DY MO YR       SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-----------------------------------------------------------------+

 0 30  6 76    0.004   0.003   1.468   1.434   0.004   0.004   0.409   0.023

 1 30  6 76    0.004   0.003   1.450   1.418   0.004   0.004   0.353   0.023

 2 30  6 76    0.004   0.003   1.440   1.419   0.004   0.004   0.327   0.022

 3 30  6 76    0.004   0.003   1.429   1.412   0.004   0.004   0.360   0.019

 4 30  6 76    0.004   0.003   1.431   1.412   0.005   0.004   0.373   0.022

 5 30  6 76    0.004   0.003   1.435   1.414   0.005   0.004   0.374   0.021

 6 30  6 76    0.004   0.003   1.453   1.432   0.005   0.005   0.352   0.018

 7 30  6 76    0.004   0.003   1.452   1.447   0.006   0.006   0.465   0.025

 8 30  6 76    0.004   0.004   1.475   1.450   0.007   0.006   0.450   0.039

 9 30  6 76    0.004   0.004   1.411   1.393   0.007   0.006   0.467   0.044

10 30  6 76    0.004   0.004   1.382   1.366   0.007   0.007   0.329   0.045

11 30  6 76    0.004   0.004   1.373   1.356   0.007   0.007   0.406   0.046

12 30  6 76    0.004   0.004   1.364   1.349   0.007   0.007   0.422   0.047

13 30  6 76    0.004   0.004   1.361   1.346   0.007   0.007   0.409   0.047

14 30  6 76    0.004   0.004   1.359   1.344   0.007   0.007   0.435   0.047

15 30  6 76    0.004   0.004   1.370   1.351   0.007   0.007   0.529   0.046

16 30  6 76    0.004   0.004   1.369   1.351   0.007   0.007   0.420   0.047

17 30  6 76   99.000  99.000  99.000  99.000   0.007   0.007   0.484   0.048

18 30  6 76    0.004   0.004   1.093   1.081   0.007   0.007   0.466   0.048

19 30  6 76    0.003   0.003   1.125   1.088   0.007   0.007   0.518   0.047

20 30  6 76    0.004   0.003   1.345   1.326   0.007   0.007   0.480   0.039

21 30  6 76    0.004   0.003   1.394   1.383   0.007   0.006   0.511   0.031

22 30  6 76    0.003   0.003   1.405   1.391   0.006   0.006   0.517   0.028

23 30  6 76    0.003   0.003   1.399   1.387   0.006   0.005   0.477   0.036
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	7	76	0.003	0.003	1.393	1.379	0.005	0.005	0.541	0.042
1	1	7	76	0.003	0.003	1.400	1.384	0.006	0.005	0.481	0.038
2	1	7	76	0.003	0.003	1.463	1.444	0.005	0.005	0.491	0.028
3	1	7	76	0.003	0.003	1.412	1.391	0.006	0.005	0.509	0.033
4	1	7	76	0.003	0.003	1.392	1.380	0.005	0.005	0.486	0.035
5	1	7	76	0.003	0.003	1.390	1.377	0.006	0.005	0.523	0.037
6	1	7	76	0.003	0.003	1.393	1.382	0.006	0.006	0.567	0.029
7	1	7	76	0.003	0.003	1.383	1.371	0.007	0.006	0.572	0.032
8	1	7	76	0.003	0.003	1.365	1.352	0.007	0.007	0.531	0.045
9	1	7	76	0.004	0.003	1.383	1.343	0.008	0.007	0.564	0.049
10	1	7	76	0.004	0.004	1.365	1.333	0.008	0.007	0.513	0.052
11	1	7	76	0.004	0.004	1.350	1.330	0.008	0.007	0.558	0.056
12	1	7	76	0.004	0.004	1.335	1.326	0.008	0.007	0.565	0.058
13	1	7	76	0.004	0.004	1.332	1.321	0.007	0.007	0.576	0.060
14	1	7	76	0.004	0.004	1.343	1.331	0.008	0.007	0.585	0.055
15	1	7	76	0.004	0.004	1.356	1.345	0.007	0.007	0.570	0.050
16	1	7	76	0.004	0.003	1.365	1.354	0.007	0.006	0.592	0.045
17	1	7	76	0.004	0.003	1.382	1.364	0.007	0.006	0.640	0.037
18	1	7	76	0.004	0.003	1.380	1.346	0.006	0.006	0.635	0.049
19	1	7	76	0.004	0.004	1.381	1.364	0.007	0.007	0.679	0.036
20	1	7	76	0.004	0.004	1.369	1.355	0.007	0.006	0.614	0.028
21	1	7	76	0.004	0.003	1.397	1.386	0.005	0.005	0.534	0.033
22	1	7	76	0.004	0.003	1.409	1.397	0.004	0.004	0.510	0.031
23	1	7	76	0.003	0.003	1.388	1.380	0.004	0.004	0.536	0.031

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	7	76	0.004	0.003	1.421	1.403	0.004	0.004	0.523	0.021
1	2	7	76	0.004	0.003	1.392	1.382	0.004	0.004	0.484	0.030
2	2	7	76	0.004	0.003	1.397	1.384	0.005	0.004	0.537	0.034
3	2	7	76	0.004	0.003	1.405	1.396	0.005	0.004	0.541	0.033
4	2	7	76	0.004	0.003	1.403	1.391	0.005	0.004	0.539	0.032
5	2	7	76	0.004	0.003	1.418	1.401	0.005	0.004	0.528	0.029
6	2	7	76	0.003	0.003	1.415	1.403	0.005	0.005	0.551	0.030
7	2	7	76	0.004	0.003	1.421	1.406	0.005	0.005	99.000	0.031
8	2	7	76	0.004	0.003	1.378	1.363	0.008	0.007	0.567	0.042
9	2	7	76	0.004	0.004	1.369	1.350	0.008	0.007	0.630	0.046
10	2	7	76	0.004	0.004	1.350	1.335	0.008	0.007	0.661	0.046
11	2	7	76	0.004	0.004	1.333	1.325	0.006	0.006	0.620	0.050
12	2	7	76	0.004	0.004	1.330	1.322	0.006	0.006	0.505	0.050
13	2	7	76	0.004	0.004	1.331	1.321	0.006	0.006	0.466	0.049
14	2	7	76	0.004	0.004	1.331	1.322	0.005	0.005	0.331	0.048
15	2	7	76	0.004	0.004	1.331	1.322	0.005	0.005	0.335	0.047
16	2	7	76	0.004	0.004	1.331	1.324	0.005	0.004	0.328	0.048
17	2	7	76	0.004	0.004	1.336	1.327	0.004	0.004	0.311	0.049
18	2	7	76	0.004	0.004	1.338	1.330	0.004	0.004	0.435	0.051
19	2	7	76	0.004	0.004	1.348	1.338	0.004	0.004	0.400	0.050
20	2	7	76	0.004	0.004	1.378	1.371	0.005	0.005	0.340	0.038
21	2	7	76	0.004	0.004	1.392	1.383	0.004	0.003	0.419	0.035
22	2	7	76	0.004	0.003	1.409	1.397	0.003	0.003	0.538	0.033
23	2	7	76	0.004	0.003	1.438	1.424	0.004	0.004	99.000	0.038

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                             RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR       SO2      H2S       THC      CH4       NOX      NO        CO       O3
++ ++ ++ ++     +-------------------------------------------------------------------------+

 0  3  7 76     0.004    0.003     1.429    1.412     0.005    0.004    99.000    0.038

 1  3  7 76     0.004    0.003     1.434    1.416     0.005    0.004    99.000    0.033

 2  3  7 76     0.004    0.003     1.444    1.425     0.004    0.003    99.000    0.030

 3  3  7 76     0.004    0.003     1.453    1.439     0.004    0.003    99.000    0.026

 4  3  7 76     0.004    0.003     1.451    1.431     0.004    0.003    99.000    0.027

 5  3  7 76     0.004    0.003     1.439    1.425     0.004    0.003    99.000    0.027

 6  3  7 76     0.004    0.003     1.436    1.425     0.004    0.003    99.000    0.027

 7  3  7 76     0.004    0.003     1.421    1.406     0.005    0.005    99.000    0.031

 8  3  7 76     0.004    0.003     1.404    1.389     0.006    0.006    99.000    0.035

 9  3  7 76     0.004    0.003     1.391    1.374     0.007    0.006    99.000    0.041

10  3  7 76     0.004    0.004     1.381    1.364     0.007    0.006    99.000    0.052

11  3  7 76     0.004    0.004     1.375    1.358     0.006    0.006    99.000    0.062

12  3  7 76     0.004    0.004    99.000   99.000     0.006    0.006    99.000    0.063

13  3  7 76     0.004    0.004     1.343    1.353     0.006    0.005    99.000    0.067

14  3  7 76     0.004    0.004     1.401    1.395     0.006    0.005    99.000    0.068

15  3  7 76     0.004    0.004     1.417    1.405     0.006    0.005    99.000    0.067

16  3  7 76     0.004    0.004     1.417    1.405     0.006    0.005    99.000    0.066

17  3  7 76     0.004    0.004     1.426    1.413     0.006    0.005    99.000    0.063

18  3  7 76     0.004    0.004     1.437    1.424     0.005    0.005    99.000    0.061

19  3  7 76     0.004    0.004     1.442    1.418     0.005    0.005    99.000    0.060

20  3  7 76     0.004    0.004     1.436    1.425     0.006    0.005    99.000    0.046

21  3  7 76     0.004    0.004     1.455    1.445     0.004    0.003    99.000    0.043

22  3  7 76     0.004    0.004     1.472    1.462     0.003    0.002    99.000    0.041

23  3  7 76     0.004    0.003     1.475    1.470     0.002    0.002    99.000    0.041
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	7	76	0.004	0.003	1.488	1.479	0.002	0.001	99.000	0.039
1	4	7	76	0.003	0.003	1.498	1.485	0.002	0.002	99.000	0.039
2	4	7	76	0.004	0.003	1.491	1.482	0.002	0.002	99.000	0.033
3	4	7	76	0.004	0.003	1.488	1.482	0.002	0.002	99.000	0.028
4	4	7	76	0.004	0.003	1.491	1.484	0.002	0.002	99.000	0.025
5	4	7	76	0.004	0.003	1.490	1.486	0.002	0.002	99.000	0.028
6	4	7	76	0.004	0.003	1.487	1.481	0.002	0.002	99.000	0.031
7	4	7	76	0.004	0.003	1.472	1.463	0.003	0.003	99.000	0.034
8	4	7	76	0.004	0.004	1.449	1.441	0.005	0.004	99.000	0.005
9	4	7	76	0.004	0.004	1.432	1.425	0.005	0.005	99.000	0.049
10	4	7	76	0.004	0.004	1.451	1.414	0.005	0.006	99.000	0.053
11	4	7	76	0.005	0.004	1.422	1.404	0.005	0.005	99.000	0.057
12	4	7	76	0.005	0.004	1.407	1.397	0.005	0.005	99.000	0.060
13	4	7	76	0.005	0.004	1.409	1.399	0.006	0.005	99.000	0.058
14	4	7	76	0.004	0.004	1.406	1.398	0.005	0.005	99.000	0.057
15	4	7	76	0.004	0.004	1.403	1.396	0.005	0.005	99.000	0.057
16	4	7	76	0.004	0.004	1.404	1.394	0.005	0.005	99.000	0.057
17	4	7	76	0.004	0.004	1.402	1.394	0.005	0.005	99.000	0.055
18	4	7	76	0.004	0.004	1.406	1.397	0.005	0.005	99.000	0.052
19	4	7	76	0.004	0.004	1.406	1.400	0.004	0.004	99.000	0.047
20	4	7	76	0.004	0.004	1.430	1.422	0.005	0.005	99.000	0.033
21	4	7	76	0.004	0.004	1.458	1.448	0.004	0.003	99.000	0.030
22	4	7	76	0.004	0.004	1.473	1.466	0.003	0.002	99.000	0.030
23	4	7	76	0.004	0.004	1.477	1.468	0.002	0.002	99.000	0.033

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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR          SO2     H2S      THC     CH4      NOX     NO       CO       O3
++ ++ ++ ++        +--------------------------------------------------------------------+

 0  5  7 76       0.034   0.034    1.476   1.467    0.002   0.001   99.000   0.034

 1  5  7 76       0.004   0.004    1.482   1.475    0.001   0.001   99.000   0.027

 2  5  7 76       0.004   0.004    1.492   1.486    0.001   0.001   99.000   0.032

 3  5  7 76       0.004   0.004    1.508   1.492    0.001   0.001   99.000   0.040

 4  5  7 76       0.004   0.004    1.510   1.500    0.002   0.001   99.000   0.040

 5  5  7 76       0.004   0.004    1.513   1.504    0.002   0.001   99.000   0.041

 6  5  7 76       0.004   0.004    1.512   1.497    0.003   0.002   99.000   0.039

 7  5  7 76       0.004   0.003    1.489   1.477    0.004   0.003   99.000   0.037

 8  5  7 76       0.004   0.004    1.466   1.456    0.005   0.004   99.000   0.039

 9  5  7 76       0.004   0.004    1.454   1.442    0.005   0.005   99.000   0.047

10  5  7 76       0.004   0.004    1.436   1.426    0.005   0.004   99.000   0.059

11  5  7 76       0.005   0.004    1.422   1.415    0.005   0.004   99.000   0.061

12  5  7 76       0.005   0.004    1.418   1.410    0.005   0.004   99.000   0.059

13  5  7 76       0.004   0.004    1.411   1.404    0.004   0.004   99.000   0.055

14  5  7 76       0.004   0.004    1.405   1.399    0.004   0.004   99.000   0.054

15  5  7 76       0.004   0.004   99.000  99.000    0.005   0.004   99.000   0.053

16  5  7 76       0.004   0.004    1.322   1.332    0.004   0.004   99.000   0.055

17  5  7 76       0.004   0.004    1.385   1.383    0.005   0.004   99.000   0.053

18  5  7 76       0.004   0.004    1.407   1.397    0.005   0.004   99.000   0.050

19  5  7 76       0.004   0.004    1.435   1.411    0.005   0.005   99.000   0.047

20  5  7 76       0.004   0.004    1.441   1.425    0.006   0.005   99.000   0.033

21  5  7 76       0.004   0.004    1.458   1.443    0.004   0.004   99.000   0.033

22  5  7 76       0.004   0.004    1.470   1.456    0.003   0.002   99.000   0.034

23  5  7 76       0.004   0.004    1.468   1.452    0.002   0.002   99.000   0.036
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	7	76	0.004	0.004	1.483	1.473	0.002	0.002	99.000	0.034
1	6	7	76	0.004	0.003	1.490	1.481	0.003	0.002	99.000	0.028
2	6	7	76	0.004	0.003	1.486	1.476	0.003	0.002	99.000	0.026
3	6	7	76	0.004	0.003	1.477	1.475	0.003	0.002	99.000	0.024
4	6	7	76	0.004	0.003	1.476	1.473	0.003	0.002	99.000	0.022
5	6	7	76	0.004	0.003	1.482	1.478	0.003	0.003	99.000	0.027
6	6	7	76	0.004	0.004	1.484	1.479	0.004	0.003	99.000	0.026
7	6	7	76	0.004	0.003	1.465	1.457	0.005	0.004	99.000	0.030
8	6	7	76	0.004	0.003	1.442	1.433	0.006	0.005	99.000	0.039
9	6	7	76	0.004	0.004	1.432	1.410	0.006	0.006	99.000	0.041
10	6	7	76	0.004	0.004	1.421	1.407	0.006	0.006	99.000	0.044
11	6	7	76	0.004	0.004	1.432	1.417	0.006	0.006	99.000	0.045
12	6	7	76	0.004	0.004	1.425	1.406	0.006	0.006	99.000	0.048
13	6	7	76	0.004	0.004	1.411	1.396	0.006	0.006	99.000	0.049
14	6	7	76	0.004	0.004	1.398	1.388	0.006	0.006	99.000	0.049
15	6	7	76	0.004	0.004	1.397	1.387	0.006	0.006	99.000	0.049
16	6	7	76	0.004	0.004	1.392	1.382	0.006	0.006	99.000	0.051
17	6	7	76	0.004	0.004	1.393	1.381	0.006	0.006	99.000	0.051
18	6	7	76	0.004	0.004	1.397	1.385	0.006	0.006	99.000	0.051
19	6	7	76	0.004	0.004	1.401	1.390	0.006	0.006	99.000	0.049
20	6	7	76	0.004	0.004	1.422	1.411	0.005	0.005	99.000	0.048
21	6	7	76	0.004	0.004	1.462	1.430	0.006	0.005	99.000	0.036
22	6	7	76	0.004	0.004	1.479	1.447	0.005	0.005	99.000	0.033
23	6	7	76	0.004	0.004	1.473	1.452	0.005	0.004	99.000	0.030

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                    RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO       O3
++ ++ ++ ++    +-----------------------------------------------------------------+

 0  7  7 76    0.004   0.004    1.476   1.461    0.004   0.006   99.000   0.031

 1  7  7 76    0.004   0.003    1.468   1.456    0.004   0.003   99.000   0.034

 2  7  7 76    0.004   0.003    1.460   1.451    0.003   0.003   99.000   0.033

 3  7  7 76    0.004   0.003    1.458   1.454    0.003   0.003   99.000   0.031

 4  7  7 76    0.003   0.003    1.460   1.453    0.003   0.002   99.000   0.025

 5  7  7 76    0.004   0.003    1.460   1.458    0.003   0.003   99.000   0.021

 6  7  7 76    0.004   0.003    1.462   1.458    0.004   0.003   99.000   0.025

 7  7  7 76    0.004   0.003    1.459   1.451    0.005   0.004   99.000   0.022

 8  7  7 76    0.004   0.003    1.442   1.432    0.006   0.006   99.000   0.028

 9  7  7 76    0.004   0.004    1.419   1.410    0.006   0.006   99.000   0.042

10  7  7 76    0.004   0.004    1.403   1.396    0.006   0.006   99.000   0.046

11  7  7 76   99.000  99.000   99.000  99.000   99.000  99.000   99.000  99.000

12  7  7 76    0.004   0.004    1.406   1.394    0.006   0.006   99.000   0.048

13  7  7 76    0.006   0.007    1.481   1.390    0.012   0.011   99.000   0.049

14  7  7 76    0.005   0.005    1.430   1.393    0.008   0.008   99.000   0.049

15  7  7 76    0.004   0.004    1.418   1.397    0.007   0.006   99.000   0.049

16  7  7 76    0.004   0.004    1.403   1.388    0.006   0.006   99.000   0.048

17  7  7 76    0.004   0.004    1.395   1.389    0.006   0.006   99.000   0.046

18  7  7 76    0.004   0.004    1.387   1.383    0.006   0.006   99.000   0.049

19  7  7 76    0.004   0.004    1.394   1.388    0.006   0.006   99.000   0.049

20  7  7 76    0.004   0.004    1.405   1.399    0.006   0.005    0.434   0.048

21  7  7 76    0.004   0.004    1.415   1.407    0.005   0.004    0.470   0.050

22  7  7 76    0.004   0.004    1.423   1.415    0.005   0.004    0.482   0.048

23  7  7 76    0.004   0.004    1.418   1.412    0.005   0.004    0.509   0.051
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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR       SO2      H2S       THC      CH4       NOX      NO        CO       O3
++ ++ ++ ++    +-------------------------------------------------------------------------+

 0  8  7 76    0.004    0.004     1.425    1.417     0.005    0.005     0.504    0.045
 1  8  7 76    0.004    0.004     1.433    1.425     0.006    0.006     0.550    0.030
 2  8  7 76    0.004    0.004     1.449    1.434     0.006    0.005     0.601    0.023
 3  8  7 76    0.004    0.003     1.448    1.440     0.005    0.004     0.581    0.022
 4  8  7 76    0.004    0.003     1.455    1.449     0.005    0.004     0.528    0.020
 5  8  7 76    0.004    0.003     1.459    1.448     0.005    0.004     0.515    0.020
 6  8  7 76    0.004    0.003     1.462    1.453     0.005    0.004     0.541    0.019
 7  8  7 76    0.004    0.003     1.448    1.436     0.006    0.006     0.530    0.025
 8  8  7 76    0.004    0.003     1.428    1.422     0.007    0.007     0.570    0.035
 9  8  7 76    0.004    0.004     1.404    1.393     0.007    0.007     0.526    0.046
10  8  7 76    0.004    0.004     1.404    1.397     0.007    0.007     0.503    0.047
11  8  7 76    0.004    0.004     1.393    1.386     0.007    0.007     0.478    0.050
12  8  7 76    0.004    0.004     1.378    1.374     0.007    0.006     0.451    0.051
13  8  7 76    0.004    0.004     1.370    1.366     0.006    0.006     0.378    0.050
14  8  7 76    0.004    0.004     1.374    1.370     0.006    0.006     0.409    0.049
15  8  7 76    0.004    0.004     1.375    1.371     0.006    0.006     0.388    0.049
16  8  7 76    0.004    0.004     1.378    1.371     0.006    0.006     0.378    0.049
17  8  7 76    0.004    0.004     1.379    1.374     0.006    0.005     0.331    0.049
18  8  7 76    0.004    0.004     1.379    1.375     0.006    0.006     0.476    0.048
19  8  7 76    0.004    0.004     1.396    1.386     0.008    0.007     0.387    0.035
20  8  7 76    0.004    0.004     1.409    1.404     0.007    0.006     0.394    0.030
21  8  7 76    0.004    0.004     1.426    1.420     0.005    0.005     0.467    0.031
22  8  7 76    0.004    0.004     1.436    1.431     0.005    0.005     0.488    0.031
23  8  7 76    0.004    0.003     1.449    1.441     0.005    0.004     0.415    0.025
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	7	76	0.004	0.003	1.447	1.439	0.004	0.004	0.386	0.022
1	9	7	76	0.003	0.003	1.451	1.444	0.004	0.003	0.342	0.022
2	9	7	76	0.003	0.003	1.452	1.448	0.003	0.003	0.374	0.022
3	9	7	76	0.003	0.003	1.454	1.448	0.003	0.003	0.362	0.020
4	9	7	76	0.003	0.003	1.452	1.447	0.003	0.003	0.327	0.022
5	9	7	76	0.004	0.003	1.457	1.452	0.003	0.003	0.357	0.021
6	9	7	76	0.004	0.003	1.459	1.453	0.004	0.003	0.376	0.019
7	9	7	76	0.003	0.003	1.456	1.436	0.005	0.004	0.441	0.026
8	9	7	76	0.004	0.003	1.428	1.417	0.006	0.006	0.446	0.035
9	9	7	76	0.004	0.004	1.408	1.400	0.006	0.006	0.390	0.044
10	9	7	76	0.004	0.004	1.388	1.382	0.006	0.006	0.321	0.051
11	9	7	76	0.004	0.004	1.378	1.373	0.006	0.006	0.272	0.054
12	9	7	76	0.004	0.004	1.373	1.366	0.006	0.006	0.302	0.054
13	9	7	76	99.000	99.000	99.000	99.000	0.006	0.006	0.467	0.054
14	9	7	76	0.003	0.017	0.842	0.879	0.006	0.006	0.493	0.053
15	9	7	76	0.004	0.005	1.316	1.316	0.006	0.006	0.334	0.053
16	9	7	76	0.004	0.004	1.386	1.380	0.006	0.005	0.309	0.052
17	9	7	76	0.004	0.003	1.390	1.383	0.005	0.005	0.231	0.052
18	9	7	76	0.004	0.003	1.388	1.379	0.006	0.005	0.254	0.052
19	9	7	76	0.004	0.004	1.398	1.382	0.005	0.005	0.257	0.052
20	9	7	76	0.004	0.003	1.408	1.398	0.006	0.006	0.314	0.038
21	9	7	76	0.004	0.003	1.435	1.426	0.005	0.005	0.405	0.031
22	9	7	76	0.004	0.003	1.449	1.439	0.005	0.004	0.369	0.030
23	9	7	76	0.003	0.003	1.457	1.446	0.004	0.003	0.431	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	7	76	0.003	0.003	1.457	1.451	0.004	0.004	0.421	0.028
1	10	7	76	0.003	0.003	1.454	1.438	0.005	0.004	0.396	0.033
2	10	7	76	0.003	0.003	1.451	1.439	0.005	0.004	0.428	0.030
3	10	7	76	0.003	0.003	1.452	1.439	0.005	0.004	0.422	0.032
4	10	7	76	0.003	0.003	1.455	1.443	0.005	0.004	0.410	0.023
5	10	7	76	0.003	0.003	1.460	1.448	0.005	0.004	0.389	0.019
6	10	7	76	0.003	0.003	1.460	1.451	0.005	0.005	0.395	0.021
7	10	7	76	0.003	0.003	1.444	1.433	0.006	0.006	0.469	0.027
8	10	7	76	0.003	0.003	1.428	1.415	0.007	0.007	0.396	0.036
9	10	7	76	0.004	0.003	1.406	1.397	0.008	0.007	0.344	0.039
10	10	7	76	0.004	0.004	1.390	1.383	0.007	0.007	0.316	0.048
11	10	7	76	0.004	0.004	1.379	1.373	0.007	0.007	0.361	0.051
12	10	7	76	0.004	0.004	1.373	1.368	0.007	0.007	0.323	0.055
13	10	7	76	0.004	0.004	1.379	1.372	0.006	0.006	0.309	0.054
14	10	7	76	0.004	0.004	1.378	1.372	0.006	0.006	0.294	0.054
15	10	7	76	0.004	0.004	1.390	1.383	0.007	0.006	0.279	0.051
16	10	7	76	0.004	0.004	1.401	1.396	0.006	0.006	0.319	0.050
17	10	7	76	0.004	0.004	1.412	1.400	0.006	0.006	0.309	0.049
18	10	7	76	0.004	0.004	1.417	1.407	0.007	0.006	0.321	0.050
19	10	7	76	0.004	0.004	1.416	1.408	0.006	0.006	0.312	0.052
20	10	7	76	0.004	0.004	1.423	1.415	0.007	0.006	0.356	0.048
21	10	7	76	0.004	0.004	1.455	1.443	0.007	0.006	0.375	0.034
22	10	7	76	0.004	0.004	1.462	1.452	0.006	0.006	0.405	0.033
23	10	7	76	0.004	0.003	1.449	1.439	0.006	0.005	0.373	0.047

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	7	76	0.004	0.004	1.459	1.450	0.006	0.005	0.371	0.043
1	11	7	76	0.004	0.003	1.470	1.457	0.005	0.005	0.443	0.039
2	11	7	76	0.004	0.003	1.465	1.452	0.005	0.004	0.419	0.038
3	11	7	76	0.004	0.003	1.471	1.460	0.004	0.004	0.362	0.035
4	11	7	76	0.004	0.003	1.466	1.455	0.004	0.004	0.318	0.034
5	11	7	76	0.004	0.003	1.474	1.466	0.004	0.004	0.315	0.032
6	11	7	76	0.004	0.003	1.474	1.469	0.004	0.004	0.306	0.029
7	11	7	76	0.003	0.003	1.450	1.441	0.006	0.005	0.421	0.032
8	11	7	76	0.004	0.003	1.439	1.426	0.006	0.006	0.363	0.049
9	11	7	76	0.004	0.004	1.412	1.405	0.007	0.006	0.381	0.052
10	11	7	76	0.004	0.004	1.396	1.387	0.007	0.007	0.334	0.052
11	11	7	76	0.004	0.004	1.380	1.376	0.007	0.006	0.281	0.053
12	11	7	76	0.004	0.004	1.380	1.374	0.007	0.006	0.282	0.052
13	11	7	76	0.004	0.004	1.387	1.366	0.007	0.007	0.356	0.054
14	11	7	76	0.004	0.004	1.358	1.353	0.007	0.006	0.324	0.054
15	11	7	76	0.004	0.004	1.356	1.354	0.007	0.006	0.364	0.053
16	11	7	76	0.004	0.004	1.364	1.361	0.008	0.007	0.308	0.051
17	11	7	76	0.004	0.004	1.388	1.380	0.008	0.007	0.400	0.050
18	11	7	76	0.004	0.004	1.391	1.385	0.008	0.007	0.399	0.043
19	11	7	76	0.004	0.003	1.396	1.390	0.008	0.007	0.432	0.034
20	11	7	76	0.004	0.004	1.402	1.392	0.007	0.006	0.401	0.045
21	11	7	76	0.004	0.003	1.411	1.402	0.006	0.006	0.430	0.044
22	11	7	76	0.004	0.003	1.427	1.417	0.007	0.006	0.386	0.033
23	11	7	76	0.004	0.003	1.424	1.417	0.006	0.005	0.337	0.030

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	7	76	0.004	0.003	1.433	1.425	0.006	0.005	0.314	0.026
1	12	7	76	0.004	0.003	1.436	1.425	0.006	0.005	0.299	0.026
2	12	7	76	0.004	0.003	1.431	1.422	0.005	0.005	0.297	0.031
3	12	7	76	0.004	0.003	1.435	1.429	0.006	0.005	0.301	0.026
4	12	7	76	0.003	0.003	1.444	1.439	0.006	0.005	0.320	0.023
5	12	7	76	0.003	0.003	1.433	1.427	0.005	0.004	0.348	0.042
6	12	7	76	0.004	0.003	1.429	1.415	0.006	0.006	0.277	0.043
7	12	7	76	0.004	0.003	1.416	1.409	0.007	0.007	0.379	0.040
8	12	7	76	0.004	0.003	1.396	1.390	0.007	0.007	0.342	0.050
9	12	7	76	0.004	0.004	1.383	1.377	0.007	0.007	0.274	0.054
10	12	7	76	0.004	0.004	1.372	1.367	0.007	0.007	0.285	0.055
11	12	7	76	0.004	0.004	1.368	1.362	0.007	0.007	0.298	0.055
12	12	7	76	0.004	0.004	1.364	1.358	0.007	0.007	0.293	0.055
13	12	7	76	0.004	0.004	1.369	1.364	0.007	0.007	0.277	0.053
14	12	7	76	0.005	0.005	1.416	1.371	0.009	0.008	0.559	0.054
15	12	7	76	0.004	0.004	1.402	1.378	0.008	0.007	0.592	0.052
16	12	7	76	0.004	0.003	1.408	1.383	0.008	0.007	0.608	0.052
17	12	7	76	0.004	0.003	1.383	1.376	0.008	0.007	0.565	0.052
18	12	7	76	0.004	0.004	1.382	1.375	0.007	0.006	0.608	0.052
19	12	7	76	0.004	0.003	1.384	1.382	0.007	0.006	0.557	0.051
20	12	7	76	0.004	0.003	1.399	1.394	0.007	0.006	0.513	0.043
21	12	7	76	0.004	0.003	1.406	1.401	0.007	0.006	0.555	0.041
22	12	7	76	0.003	0.003	1.410	1.401	0.007	0.006	0.608	0.036
23	12	7	76	0.003	0.003	1.409	1.401	0.007	0.006	0.563	0.028

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                        RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                 AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S      THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++      +----------------------------------------------------------------+

 0 13  7 76      0.004   0.003    1.432   1.411     0.007   0.006     0.572   0.030

 1 13  7 76      0.004   0.003    1.426   1.416     0.008   0.006     0.580   0.029

 2 13  7 76      0.003   0.003    1.438   1.421     0.008   0.006     0.634   0.016

 3 13  7 76      0.003   0.003    1.430   1.422     0.008   0.006     0.618   0.014

 4 13  7 76      0.003   0.003    1.426   1.423     0.007   0.005     0.609   0.016

 5 13  7 76      0.003   0.003    1.436   1.435     0.006   0.004     0.590   0.015

 6 13  7 76      0.003   0.003    1.430   1.430     0.006   0.005     0.559   0.021

 7 13  7 76      0.003   0.003    1.425   1.418     0.007   0.006     0.590   0.027

 8 13  7 76      0.004   0.003    1.402   1.400     0.007   0.006     0.548   0.036

 9 13  7 76      0.004   0.003    1.391   1.383     0.007   0.007     0.524   0.044

10 13  7 76      0.004   0.004    1.382   1.379     0.007   0.007     0.518   0.050

11 13  7 76      0.004   0.004    1.378   1.376     0.007   0.007     0.566   0.052

12 13  7 76      0.004   0.004    1.380   1.379     0.007   0.006     0.507   0.053

13 13  7 76      0.004   0.003    1.372   1.371     0.005   0.005     0.472   0.053

14 13  7 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

15 13  7 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

16 13  7 76      0.004   0.003    1.368   1.367     0.005   0.005     0.345   0.053

17 13  7 76      0.004   0.003    1.372   1.368     0.005   0.005     0.361   0.053

18 13  7 76      0.004   0.004    1.387   1.382     0.005   0.005     0.390   0.053

19 13  7 76      0.004   0.004    1.401   1.388     0.005   0.005     0.365   0.053

20 13  7 76      0.004   0.004    1.436   1.420     0.005   0.005     0.395   0.035

21 13  7 76      0.004   0.003    1.427   1.423     0.005   0.004     0.399   0.034

22 13  7 76      0.004   0.003    1.435   1.433     0.004   0.003     0.411   0.035

23 13  7 76      0.003   0.003    1.446   1.443     0.004   0.003     0.392   0.033
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	7	76	0.003	0.003	1.451	1.448	0.003	0.003	0.476	0.033
1	14	7	76	0.003	0.003	1.453	1.449	0.004	0.003	0.435	0.032
2	14	7	76	0.003	0.003	1.445	1.443	0.004	0.003	0.398	0.034
3	14	7	76	0.003	0.003	1.447	1.443	0.004	0.003	0.398	0.032
4	14	7	76	0.003	0.003	1.461	1.456	0.003	0.003	0.420	0.031
5	14	7	76	0.003	0.003	1.463	1.461	0.003	0.003	0.427	0.030
6	14	7	76	0.003	0.003	1.541	1.527	0.004	0.003	0.399	0.024
7	14	7	76	0.003	0.003	1.484	1.467	0.004	0.004	0.364	0.031
8	14	7	76	0.004	0.003	1.453	1.442	0.005	0.005	0.432	0.042
9	14	7	76	0.004	0.003	1.423	1.419	0.005	0.005	0.361	0.054
10	14	7	76	0.004	0.004	1.408	1.409	0.005	0.005	0.314	0.060
11	14	7	76	0.004	0.004	1.405	1.404	0.005	0.005	0.327	0.061
12	14	7	76	0.004	0.004	1.399	1.403	0.005	0.005	0.300	0.060
13	14	7	76	0.004	0.004	1.392	1.392	0.005	0.005	0.293	0.058
14	14	7	76	0.004	0.004	1.386	1.388	0.005	0.005	0.288	0.057
15	14	7	76	0.004	0.004	1.378	1.379	0.005	0.005	0.284	0.054
16	14	7	76	0.004	0.004	1.398	1.388	0.005	0.005	0.308	0.056
17	14	7	76	0.004	0.004	1.395	1.395	0.005	0.005	0.344	0.052
18	14	7	76	0.004	0.004	1.403	1.402	0.005	0.005	0.308	0.051
19	14	7	76	0.004	0.004	1.421	1.417	0.005	0.005	0.258	0.051
20	14	7	76	0.004	0.004	1.460	1.447	0.005	0.005	0.341	0.043
21	14	7	76	0.004	0.004	1.476	1.462	0.005	0.004	0.351	0.038
22	14	7	76	[illegible]	0.003	1.497	1.482	0.004	0.004	0.394	0.037
23	14	7	76	0.004	0.003	1.496	1.489	0.004	0.003	0.386	0.037

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	7	76	0.003	0.003	1.511	1.497	0.004	0.003	0.382	0.028
1	15	7	76	0.003	0.003	1.518	1.503	0.003	0.003	0.358	0.026
2	15	7	76	0.004	0.003	1.498	1.488	0.003	0.002	0.363	0.029
3	15	7	76	0.004	0.003	1.499	1.490	0.003	0.002	0.364	0.031
4	15	7	76	0.004	0.003	1.506	1.495	0.003	0.002	0.351	0.030
5	15	7	76	0.004	0.003	1.521	1.508	0.003	0.002	0.345	0.030
6	15	7	76	0.003	0.003	1.526	1.526	0.003	0.002	0.366	0.031
7	15	7	76	0.003	0.003	1.514	1.498	0.004	0.003	0.445	0.034
8	15	7	76	0.004	0.003	1.517	1.495	0.005	0.004	0.373	0.039
9	15	7	76	0.004	0.004	1.525	1.494	0.005	0.005	0.315	0.042
10	15	7	76	0.004	0.004	1.505	1.474	0.005	0.005	0.369	0.043
11	15	7	76	0.004	0.004	1.466	1.449	0.005	0.005	0.297	0.049
12	15	7	76	0.004	0.004	1.439	1.428	0.004	0.004	0.317	0.053
13	15	7	76	0.004	0.004	1.441	1.415	0.004	0.004	0.304	0.052
14	15	7	76	0.004	0.004	1.427	1.408	0.004	0.004	0.243	0.052
15	15	7	76	0.004	0.004	1.412	1.400	0.004	0.004	0.167	0.052
16	15	7	76	0.004	0.004	1.407	1.398	0.004	0.004	0.176	0.053
17	15	7	76	0.004	0.004	1.405	1.399	0.004	0.003	0.199	0.053
18	15	7	76	0.004	0.004	1.413	1.403	0.004	0.004	0.211	0.053
19	15	7	76	0.004	0.004	1.424	1.415	0.004	0.004	0.210	0.050
20	15	7	76	0.004	0.004	1.455	1.442	0.004	0.004	0.358	0.035
21	15	7	76	0.004	0.004	1.472	1.463	0.003	0.003	0.328	0.035
22	15	7	76	0.004	0.004	1.496	1.485	0.003	0.002	0.409	0.034
23	15	7	76	0.004	0.003	1.509	1.496	0.002	0.002	0.399	0.034

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	7	76	0.004	0.003	1.520	1.507	0.002	0.001	0.388	0.033
1	16	7	76	0.004	0.003	1.535	1.522	0.002	0.002	0.423	0.033
2	16	7	76	0.004	0.003	1.545	1.531	0.002	0.002	0.443	0.031
3	16	7	76	0.004	0.003	1.512	1.502	0.003	0.002	0.412	0.027
4	16	7	76	0.004	0.003	1.532	1.523	0.002	0.002	0.420	0.029
5	16	7	76	0.004	0.003	1.528	1.515	0.002	0.002	0.442	0.030
6	16	7	76	0.004	0.003	1.539	1.535	0.003	0.002	0.448	0.030
7	16	7	76	0.003	0.003	1.506	1.493	0.004	0.004	0.418	0.032
8	16	7	76	0.004	0.004	1.472	1.464	0.005	0.005	0.360	0.037
9	16	7	76	0.005	0.005	1.465	1.456	0.008	0.006	0.600	0.046
10	16	7	76	0.004	0.004	1.449	1.435	0.006	0.006	0.816	0.051
11	16	7	76	0.004	0.004	1.430	1.419	0.006	0.006	0.833	0.053
12	16	7	76	0.004	0.004	1.424	1.414	0.006	0.006	0.810	0.054
13	16	7	76	0.004	0.004	1.423	1.412	0.006	0.006	0.752	0.054
14	16	7	76	0.004	0.004	1.418	1.406	0.006	0.006	0.704	0.056
15	16	7	76	0.004	0.004	1.416	1.407	0.006	0.006	0.723	0.058
16	16	7	76	99.000	99.000	99.000	99.000	0.006	0.006	0.687	0.057
17	16	7	76	0.049	0.003	99.000	99.000	0.007	0.007	0.706	0.058
18	16	7	76	0.011	0.004	1.375	1.360	0.009	0.009	99.000	0.057
19	16	7	76	0.006	0.005	1.479	1.438	0.008	0.008	0.493	0.051
20	16	7	76	0.005	0.005	1.519	1.491	0.008	0.007	0.221	0.034
21	16	7	76	0.005	0.004	1.547	1.520	0.006	0.006	0.209	0.033
22	16	7	76	0.004	0.004	1.554	1.522	0.006	0.005	0.212	0.035
23	16	7	76	0.004	0.004	1.537	1.511	0.005	0.005	0.231	0.034

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	7	76	0.004	0.003	1.527	1.505	0.006	0.005	0.236	0.030
1	17	7	76	0.004	0.003	1.512	1.495	0.005	0.005	0.249	0.029
2	17	7	76	0.004	0.003	1.524	1.503	0.005	0.005	0.284	0.024
3	17	7	76	0.004	0.003	1.509	1.495	0.005	0.005	0.286	0.027
4	17	7	76	0.004	0.003	1.510	1.494	0.005	0.005	0.319	0.030
5	17	7	76	0.004	0.003	1.513	1.499	0.005	0.005	0.343	0.030
6	17	7	76	0.003	0.003	1.515	1.499	0.006	0.005	0.348	0.023
7	17	7	76	0.003	0.003	1.493	1.477	0.007	0.007	0.380	0.031
8	17	7	76	0.004	0.004	1.456	1.442	0.008	0.007	0.376	0.040
9	17	7	76	0.004	0.004	1.430	1.418	0.008	0.008	0.468	0.045
10	17	7	76	0.004	0.004	1.416	1.399	0.008	0.008	0.337	0.049
11	17	7	76	0.005	0.004	1.397	1.384	0.009	0.009	0.335	0.051
12	17	7	76	0.005	0.005	1.388	1.376	0.009	0.009	0.303	0.053
13	17	7	76	0.005	0.005	1.387	1.373	0.009	0.009	0.346	0.052
14	17	7	76	0.005	0.005	1.385	1.375	0.008	0.008	0.346	0.052
15	17	7	76	0.005	0.005	1.389	1.376	0.008	0.008	0.326	0.051
16	17	7	76	0.005	0.004	1.395	1.383	0.008	0.008	0.304	0.051
17	17	7	76	0.005	0.004	1.402	1.391	0.007	0.007	0.337	0.050
18	17	7	76	0.004	0.004	1.416	1.403	0.008	0.008	0.394	0.047
19	17	7	76	0.004	0.004	1.424	1.412	0.008	0.008	0.458	0.043
20	17	7	76	0.004	0.004	1.445	1.430	0.009	0.008	0.508	0.042
21	17	7	76	0.004	0.004	1.469	1.449	0.008	0.007	0.562	0.035
22	17	7	76	0.004	0.003	1.506	1.491	0.010	0.008	0.612	0.022
23	17	7	76	0.004	0.003	1.474	1.462	0.009	0.008	0.605	0.020

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                 RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                             AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC      CH4      NOX      NO       CO       O3
** ** ** **   +-----------------------------------------------------------------------+

 0 18  7 76    0.004   0.003    1.461    1.452    0.009   0.007    0.571    0.021
 1 18  7 76    0.004   0.003    1.456    1.445    0.009   0.009    0.511    0.021
 2 18  7 76    0.003   0.003    1.455    1.442    0.010   0.008    0.534    0.017
 3 18  7 76    0.003   0.003    1.458    1.441    0.009   0.008    0.527    0.015
 4 18  7 76    0.003   0.003    1.460    1.447    0.010   0.008    0.515    0.010
 5 18  7 76    0.003   0.003    1.467    1.453    0.010   0.008    0.499    0.012
 6 18  7 76    0.003   0.003    1.459    1.451    0.009   0.008    0.503    0.012
 7 18  7 76    0.003   0.003    1.447    1.437    0.009   0.008    0.532    0.017
 8 18  7 76    0.004   0.003    1.438    1.422    0.009   0.008    0.526    0.028
 9 18  7 76    0.004   0.004    1.420    1.411    0.010   0.009    0.583    0.029
10 18  7 76    0.004   0.003    1.410    1.402    0.010   0.009    0.577    0.03
11 18  7 76    0.004   0.003    1.394    1.383    0.010   0.010    0.565    0.041
12 18  7 76    0.005   0.004    1.378    1.369    0.011   0.010    0.545    0.045
13 18  7 76    0.005   0.006    1.434    1.386    0.013   0.012    0.737    0.047
14 18  7 76    0.005   0.005    1.442    1.420    0.013   0.012    0.303    0.047
15 18  7 76    0.005   0.005    1.374    1.369    0.012   0.011    0.203    0.048
16 18  7 76    0.005   0.005    1.375    1.372    0.011   0.011    0.213    0.050
17 18  7 76    0.006   0.006    1.500    1.394    0.013   0.012    0.195    0.046
18 18  7 76    0.006   0.006    1.433    1.401    0.016   0.011    0.350    0.043
19 18  7 76    0.004   0.004    1.425    1.413    0.010   0.008    0.385    0.036
20 18  7 76    0.004   0.004    1.426    1.416    0.008   0.008    0.391    0.029
21 18  7 76    0.004   0.003    1.437    1.427    0.008   0.008    0.386    0.028
22 18  7 76    0.104   0.003    1.439    1.428    0.008   0.007    0.384    0.033
23 18  7 76    0.004   0.003    1.443    1.428    0.008   0.007    0.386    0.027
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	7	76	0.004	0.003	1.453	1.435	0.009	0.007	0.384	0.017
1	19	7	76	0.004	0.003	1.467	1.443	0.008	0.007	0.332	0.016
2	19	7	76	0.004	0.003	1.461	1.445	0.008	0.007	0.380	0.012
3	19	7	76	0.003	0.003	1.454	1.445	0.008	0.007	0.374	0.012
4	19	7	76	0.003	0.003	1.448	1.442	0.007	0.006	0.373	0.014
5	19	7	76	0.003	0.003	1.453	1.445	0.008	0.007	0.376	0.010
6	19	7	76	0.003	0.003	1.459	1.450	0.008	0.007	0.371	0.009
7	19	7	76	0.003	0.003	1.470	1.480	0.008	0.007	0.370	0.013
8	19	7	76	0.003	0.003	1.445	1.449	0.008	0.007	0.368	0.022
9	19	7	76	0.004	0.003	1.427	1.419	0.008	0.007	0.367	0.035
10	19	7	76	0.004	0.003	1.396	1.390	0.008	0.008	0.371	0.041
11	19	7	76	0.004	0.004	1.386	1.369	0.009	0.009	0.378	0.044
12	19	7	76	0.005	0.004	1.364	1.367	0.009	0.009	0.381	0.045
13	19	7	76	0.004	0.004	1.359	1.353	0.009	0.009	0.382	0.047
14	19	7	76	0.005	0.004	1.365	1.364	0.008	0.008	0.386	0.046
15	19	7	76	0.004	0.004	1.381	1.375	0.008	0.008	0.373	0.044
16	19	7	76	0.004	0.004	1.377	1.376	0.008	0.008	0.377	0.044
17	19	7	76	0.004	0.004	1.382	1.381	0.007	0.007	0.368	0.043
18	19	7	76	0.004	0.004	1.384	1.385	0.007	0.007	0.360	0.041
19	19	7	76	0.004	0.004	1.406	1.405	0.006	0.006	0.356	0.042
20	19	7	76	0.004	0.003	1.441	1.436	0.006	0.005	0.355	0.036
21	19	7	76	0.004	0.003	1.446	1.435	0.005	0.004	0.344	0.037
22	19	7	76	0.003	0.003	1.448	1.437	0.005	0.004	0.356	0.033
23	19	7	76	0.003	0.003	1.463	1.439	0.005	0.004	0.346	0.029

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	7	76	0.003	0.003	1.455	1.449	0.005	0.004	0.348	0.019
1	20	7	76	0.003	0.003	1.467	1.459	0.007	0.005	0.343	0.020
2	20	7	76	0.003	0.003	1.500	1.484	0.007	0.006	0.346	0.011
3	20	7	76	0.003	0.003	1.546	1.507	0.007	0.005	0.343	0.012
4	20	7	76	0.003	0.003	1.556	1.525	0.007	0.005	0.341	0.009
5	20	7	76	0.003	0.003	1.547	1.525	0.007	0.005	0.341	0.005
6	20	7	76	0.003	0.003	1.536	1.522	0.006	0.005	0.339	0.008
7	20	7	76	0.003	0.003	1.520	1.499	0.006	0.005	0.333	0.020
8	20	7	76	0.004	0.003	1.470	1.458	0.006	0.006	0.340	0.038
9	20	7	76	0.004	0.003	1.442	1.429	0.007	0.006	0.354	0.043
10	20	7	76	0.004	0.003	1.416	1.410	0.006	0.006	0.355	0.046
11	20	7	76	0.004	0.004	1.407	1.403	0.007	0.006	0.343	0.047
12	20	7	76	0.004	0.003	1.397	1.393	0.006	0.006	0.354	0.048
13	20	7	76	0.004	0.003	1.402	1.396	0.006	0.006	0.353	0.022
14	20	7	76	0.004	0.003	1.409	1.406	0.006	0.006	0.344	0.055
15	20	7	76	0.004	0.003	1.419	1.416	0.006	0.005	0.340	0.046
16	20	7	76	0.004	0.003	1.407	1.406	0.006	0.005	0.340	0.048
17	20	7	76	0.004	0.003	1.396	1.394	0.006	0.006	0.341	0.049
18	20	7	76	0.004	0.003	1.398	1.399	0.005	0.005	0.350	0.047
19	20	7	76	0.004	0.003	1.413	1.414	0.005	0.005	0.346	0.045
20	20	7	76	0.004	0.003	1.443	1.447	0.006	0.005	0.341	0.034
21	20	7	76	0.003	0.003	1.450	1.452	0.005	0.004	0.333	0.027
22	20	7	76	0.003	0.003	1.449	1.447	0.004	0.003	0.331	0.027
23	20	7	76	0.003	0.003	1.448	1.448	0.004	0.003	0.330	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	7	76	0.003	0.003	1.457	1.455	0.004	0.003	0.328	0.028
1	21	7	76	0.003	0.003	1.470	1.464	0.003	0.002	0.334	0.027
2	21	7	76	0.003	0.003	1.470	1.471	0.003	0.002	0.329	0.022
3	21	7	76	0.003	0.003	1.467	1.464	0.003	0.002	0.327	0.021
4	21	7	76	0.003	0.003	1.464	1.463	0.003	0.002	0.328	0.019
5	21	7	76	0.003	0.003	1.466	1.459	0.002	0.002	0.334	0.015
6	21	7	76	0.003	0.003	1.522	1.521	0.003	0.002	0.325	0.016
7	21	7	76	0.003	0.003	1.474	1.461	0.004	0.003	0.324	0.026
8	21	7	76	0.003	0.003	1.442	1.437	0.004	0.004	0.321	0.035
9	21	7	76	0.004	0.003	1.424	1.421	0.005	0.005	0.323	0.039
10	21	7	76	0.006	0.007	1.507	1.397	0.008	0.006	0.187	0.050
11	21	7	76	0.004	0.004	1.412	1.395	0.006	0.005	0.072	0.050
12	21	7	76	0.004	0.004	1.411	1.411	0.005	0.005	0.058	0.053
13	21	7	76	0.004	0.003	1.415	1.413	0.005	0.004	0.062	0.057
14	21	7	76	0.004	0.003	1.473	1.438	0.005	0.004	0.089	0.057
15	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	21	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
1	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
2	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
3	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
4	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
5	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
6	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
7	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
8	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
9	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
10	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
11	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
13	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
14	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
15	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
16	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	22	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

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                          RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                     AIR  QUALITY  DATA
HR DY MO YR        SO2    H2S      THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++      +-----------------------------------------------------------------+

 0 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 1 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 2 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 3 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 4 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 5 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 6 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 7 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 8 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 9 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

10 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

11 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

12 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

13 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

14 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

15 23  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

16 23  7 76      0.002  0.001    1.667  1.242    0.001  0.001    0.123  0.054

17 23  7 76      0.004  0.003    1.472  1.374    0.002  0.002    0.080  0.061

18 23  7 76      0.004  0.004    1.435  1.415    0.002  0.002    0.077  0.061

19 23  7 76      0.004  0.004    1.437  1.422    0.002  0.002    0.081  0.056

20 23  7 76      0.004  0.004    1.451  1.441    0.002  0.002    0.072  0.036

21 23  7 76      0.004  0.004    1.488  1.474    0.002  0.001    0.083  0.033

22 23  7 76      0.004  0.004    1.497  1.484    0.001  0.001    0.086  0.036

23 23  7 76      0.004  0.003    1.500  1.491    0.001  0.001    0.081  0.030
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	7	76	0.003	0.003	1.496	1.488	0.001	0.001	0.092	0.032
1	24	7	76	0.003	0.003	1.496	1.486	0.002	0.001	0.093	0.033
2	24	7	76	0.004	0.003	1.505	1.493	0.002	0.001	0.095	0.032
3	24	7	76	0.004	0.003	1.507	1.496	0.002	0.001	0.095	0.033
4	24	7	76	0.004	0.003	1.514	1.499	0.002	0.001	0.091	0.032
5	24	7	76	0.004	0.003	1.507	1.497	0.002	0.001	0.093	0.031
6	24	7	76	0.003	0.003	1.508	1.494	0.002	0.001	0.098	0.033
7	24	7	76	0.003	0.003	1.498	1.484	0.002	0.002	0.097	0.039
8	24	7	76	0.004	0.003	1.485	1.469	0.002	0.002	0.095	0.053
9	24	7	76	0.004	0.004	1.461	1.446	0.003	0.003	0.097	0.056
10	24	7	76	0.004	0.004	1.435	1.425	0.003	0.003	0.090	0.058
11	24	7	76	0.004	0.004	1.423	1.416	0.003	0.003	0.084	0.060
12	24	7	76	0.004	0.004	1.425	1.414	0.003	0.003	0.097	0.061
13	24	7	76	0.004	0.004	1.428	1.416	0.003	0.003	0.081	0.062
14	24	7	76	0.004	0.004	1.428	1.420	0.003	0.003	0.093	0.062
15	24	7	76	0.004	0.004	1.429	1.417	0.003	0.003	0.085	0.063
16	24	7	76	0.004	0.004	1.440	1.451	0.003	0.003	0.089	0.062
17	24	7	76	0.004	0.004	1.428	1.421	0.003	0.003	0.088	0.060
18	24	7	76	0.004	0.004	1.430	1.420	0.003	0.003	0.091	0.060
19	24	7	76	0.004	0.004	1.437	1.432	0.003	0.003	0.093	0.061
20	24	7	76	0.004	0.004	1.203	1.220	0.003	0.003	0.110	0.047
21	24	7	76	0.002	0.003	1.076	1.020	0.003	0.002	0.115	0.040
22	24	7	76	0.004	0.003	1.435	1.418	0.002	0.002	0.107	0.036
23	24	7	76	0.003	0.003	1.474	1.468	0.002	0.001	0.108	0.033

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                          RIO BLANCO OIL SHALE PROJECT   SITE   THREE

                                    AIR   QUALITY   DATA
HR DY MO YR        SO2      H2S       THC      CH4       NOX      NO        CO      O3
++ ++ ++ ++     +--------------------------------------------------------------------------+

 0 25  7 76     0.003    0.003     1.503    1.473     0.002    0.001     0.107    0.026

 1 25  7 76     0.003    0.003     1.474    1.461     0.002    0.001     0.114    0.052

 2 25  7 76     0.003    0.003     1.457    1.448     0.002    0.001     0.105    0.055

 3 25  7 76     0.003    0.003     1.451    1.444     0.002    0.001     0.098    0.048

 4 25  7 76     0.003    0.003     1.452    1.444     0.002    0.001     0.106    0.047

 5 25  7 76     0.003    0.003     1.456    1.449     0.002    0.001     0.105    0.052

 6 25  7 76     0.003    0.003     1.468    1.463     0.002    0.002     0.111    0.039

 7 25  7 76     0.003    0.003     1.499    1.483     0.002    0.002     0.106    0.044

 8 25  7 76     0.003    0.003     1.470    1.463     0.003    0.002     0.104    0.052

 9 25  7 76     0.004    0.003     1.441    1.427     0.003    0.003     0.108    0.054

10 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

11 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

12 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

13 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

14 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

15 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

16 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

17 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

18 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

19 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

20 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

21 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

22 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000

23 25  7 76    99.000   99.000    99.000   99.000    99.000   99.000    99.000   99.000
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

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HR DY MO YR    SO2     H2S      THC     CH4      NOX     NO       CO      O3
** ** ** **  +-----------------------------------------------------------------+
 0 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 1 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 2 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 3 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 4 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 5 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 6 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 7 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 8 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
 9 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
10 26  7 76  99.000 99.000  99.000 99.000  99.000 99.000  99.000 99.000
11 26  7 76   0.004  0.003   1.405  1.399   0.003  0.003   0.154  0.052
12 26  7 76   0.004  0.003   1.411  1.401   0.003  0.003   0.113  0.050
13 26  7 76   0.004  0.003   1.418  1.406   0.003  0.003   0.108  0.052
14 26  7 76   0.004  0.003   1.409  1.398   0.003  0.003   0.107  0.051
15 26  7 76   0.004  0.003   1.436  1.420   0.003  0.003   0.102  0.050
16 26  7 76   0.004  0.003   1.423  1.416   0.003  0.003   0.107  0.047
17 26  7 76   0.004  0.003   1.430  1.421   0.003  0.002   0.115  0.048
18 26  7 76   0.004  0.003   1.409  1.402   0.003  0.003   0.100  0.050
19 26  7 76   0.004  0.003   1.402  1.396   0.003  0.003   0.101  0.049
20 26  7 76   0.004  0.003   1.433  1.426   0.003  0.002   0.105  0.033
21 26  7 76   0.004  0.003   1.441  1.435   0.002  0.002   0.107  0.027
22 26  7 76   0.003  0.003   1.449  1.444   0.002  0.002   0.113  0.027
23 26  7 76   0.003  0.003   1.449  1.444   0.002  0.001   0.111  0.026
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	7	76	0.003	0.003	1.440	1.435	0.002	0.001	0.109	0.024
1	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
2	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
3	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
4	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
5	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
6	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
7	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
8	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
9	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
10	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
11	27	7	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
12	27	7	76	0.004	0.003	1.417	1.409	0.002	0.002	0.086	0.037
13	27	7	76	0.004	0.004	1.408	1.390	0.002	0.002	0.082	0.051
14	27	7	76	0.004	0.003	1.395	1.383	0.002	0.002	0.080	0.053
15	27	7	76	0.004	0.003	1.380	1.375	0.002	0.002	0.079	0.053
16	27	7	76	0.004	0.003	1.377	1.373	0.002	0.002	0.077	0.052
17	27	7	76	0.004	0.004	1.376	1.374	0.002	0.002	0.076	0.052
18	27	7	76	0.004	0.004	1.386	1.379	0.002	0.002	0.068	0.052
19	27	7	76	0.004	0.004	1.421	1.407	0.002	0.002	0.086	0.049
20	27	7	76	0.004	0.004	1.430	1.420	0.002	0.002	0.092	0.045
21	27	7	76	0.004	0.004	1.478	1.449	0.002	0.001	0.100	0.033
22	27	7	76	0.004	0.003	1.521	1.491	0.001	0.001	0.101	0.022
23	27	7	76	0.003	0.003	1.552	1.522	0.001	0.001	0.101	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	7	76	0.003	0.003	1.502	1.486	0.001	0.001	0.097	0.032
1	28	7	76	0.003	0.003	1.571	1.546	0.002	0.001	0.096	0.020
2	28	7	76	0.003	0.003	1.516	1.496	0.001	0.001	0.097	0.019
3	28	7	76	0.003	0.003	1.494	1.482	0.001	0.001	0.101	0.019
4	28	7	76	0.004	0.003	1.507	1.495	0.001	0.001	0.092	0.015
5	28	7	76	0.004	0.003	1.505	1.489	0.001	0.001	0.098	0.015
6	28	7	76	0.003	0.003	1.493	1.481	0.001	0.001	0.104	0.022
7	28	7	76	0.003	0.003	1.469	1.455	0.002	0.002	0.103	0.025
8	28	7	76	0.003	0.003	1.447	1.444	0.002	0.002	0.107	0.029
9	28	7	76	0.004	0.003	1.431	1.423	0.002	0.002	0.103	0.037
10	28	7	76	0.004	0.003	1.414	1.405	0.003	0.002	0.103	0.046
11	28	7	76	0.004	0.004	1.397	1.390	0.002	0.002	0.087	0.052
12	28	7	76	0.004	0.004	1.390	1.383	0.003	0.002	0.085	0.052
13	28	7	76	0.004	0.004	1.390	1.382	0.002	0.002	0.093	0.052
14	28	7	76	0.004	0.004	1.393	1.385	0.003	0.002	0.090	0.053
15	28	7	76	0.004	0.004	1.387	1.380	0.003	0.002	0.095	0.053
16	28	7	76	0.004	0.004	1.394	1.382	0.002	0.002	0.098	0.053
17	28	7	76	0.004	0.004	99.000	99.000	0.002	0.002	0.098	0.052
18	28	7	76	0.004	0.004	99.000	99.000	0.002	0.002	0.104	0.052
19	28	7	76	0.004	0.004	1.407	1.386	0.003	0.002	0.096	0.045
20	28	7	76	0.004	0.004	1.435	1.420	0.002	0.002	0.092	0.035
21	28	7	76	0.004	0.004	1.444	1.434	0.002	0.002	0.098	0.035
22	28	7	76	0.004	0.003	1.473	1.460	0.002	0.001	0.103	0.035
23	28	7	76	0.004	0.003	1.489	1.477	0.002	0.001	0.100	0.033

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	7	76	0.004	0.003	1.473	1.444	0.002	0.001	0.097	0.029
1	29	7	76	0.003	0.003	1.494	1.481	0.001	0.001	0.103	0.024
2	29	7	76	0.004	0.003	1.493	1.475	0.001	0.001	0.104	0.026
3	29	7	76	0.003	0.003	1.483	1.465	0.001	0.001	0.109	0.027
4	29	7	76	0.004	0.003	1.486	1.471	0.001	0.001	0.109	0.028
5	29	7	76	0.004	0.003	1.481	1.469	0.001	0.001	0.101	0.028
6	29	7	76	0.004	0.003	1.489	1.464	0.001	0.001	0.104	0.020
7	29	7	76	0.003	0.003	1.469	1.449	0.001	0.001	0.111	0.028
8	29	7	76	0.004	0.003	1.431	1.417	0.002	0.002	0.104	0.030
9	29	7	76	0.004	0.003	1.415	1.403	0.002	0.002	0.108	0.036
10	29	7	76	0.004	0.004	1.403	1.394	0.002	0.002	0.099	0.047
11	29	7	76	0.004	0.004	1.391	1.383	0.003	0.002	0.091	0.051
12	29	7	76	0.004	0.004	1.390	1.380	0.002	0.002	0.099	0.052
13	29	7	76	0.004	0.004	1.392	1.383	0.002	0.002	0.101	0.050
14	29	7	76	0.004	0.004	1.391	1.386	0.002	0.002	0.103	0.050
15	29	7	76	0.004	0.004	1.388	1.382	0.002	0.002	0.104	0.049
16	29	7	76	0.004	0.004	1.394	1.389	0.002	0.002	0.113	0.050
17	29	7	76	0.004	0.004	1.395	1.390	0.002	0.002	0.117	0.049
18	29	7	76	0.004	0.004	1.404	1.399	0.002	0.002	0.119	0.048
19	29	7	76	0.004	0.004	1.404	1.405	0.002	0.002	0.114	0.048
20	29	7	76	0.004	0.004	1.438	1.427	0.002	0.002	0.110	0.036
21	29	7	76	0.004	0.004	1.445	1.442	0.002	0.002	0.108	0.031
22	29	7	76	0.004	0.004	1.452	1.445	0.002	0.001	0.113	0.030
23	29	7	76	0.004	0.003	1.460	1.453	0.002	0.001	0.112	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	7	76	0.004	0.003	1.472	1.462	0.002	0.001	0.119	0.027
1	30	7	76	0.004	0.003	1.466	1.458	0.002	0.001	0.113	0.029
2	30	7	76	0.003	0.003	1.474	1.466	0.002	0.002	0.113	0.027
3	30	7	76	0.004	0.003	1.468	1.458	0.002	0.001	0.115	0.022
4	30	7	76	0.004	0.003	1.456	1.448	0.002	0.001	0.118	0.026
5	30	7	76	0.004	0.003	1.467	1.464	0.002	0.001	0.116	0.026
6	30	7	76	0.004	0.003	1.459	1.449	0.002	0.001	0.118	0.027
7	30	7	76	0.004	0.003	1.448	1.441	0.002	0.002	0.121	0.028
8	30	7	76	0.004	0.003	1.440	1.422	0.002	0.002	0.116	0.042
9	30	7	76	0.004	0.004	1.423	1.406	0.003	0.003	0.115	0.049
10	30	7	76	0.004	0.004	1.399	1.390	0.003	0.003	0.120	0.052
11	30	7	76	0.004	0.004	1.392	1.384	0.003	0.003	0.113	0.052
12	30	7	76	0.004	0.004	1.427	1.377	0.003	0.003	0.132	0.053
13	30	7	76	0.004	0.004	1.391	1.373	0.003	0.003	0.112	0.054
14	30	7	76	0.004	0.004	1.384	1.375	0.003	0.003	0.114	0.054
15	30	7	76	0.004	0.004	1.400	1.385	0.003	0.003	0.124	0.054
16	30	7	76	0.004	0.004	1.397	1.378	0.003	0.003	0.123	0.058
17	30	7	76	0.004	0.004	1.400	1.373	0.003	0.003	0.130	0.056
18	30	7	76	0.004	0.004	1.398	1.386	0.003	0.003	0.112	0.040
19	30	7	76	0.004	0.004	1.421	1.406	0.004	0.003	0.123	0.029
20	30	7	76	0.004	0.004	1.435	1.419	0.003	0.003	0.117	0.031
21	30	7	76	0.004	0.003	1.437	1.425	0.003	0.002	0.127	0.044
22	30	7	76	0.004	0.003	1.445	1.428	0.003	0.002	0.129	0.045
23	30	7	76	0.004	0.003	1.446	1.434	0.003	0.002	0.130	0.045

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                        RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                   AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S      THC     CH4      NOX     NO       CO     O3
++ ++ ++ ++     +---------------------------------------------------------------+

 0 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 1 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 2 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 3 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 4 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 5 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 6 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 7 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 8 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

 9 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

10 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

11 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

12 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

13 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

14 31  7 76     99.000 99.000   99.000 99.000   99.000 99.000   99.000 99.000

15 31  7 76      0.004  0.004    1.387  1.374    0.003  0.003    0.112  0.054

16 31  7 76      0.004  0.004    1.391  1.385    0.003  0.003    0.121  0.053

17 31  7 76      0.004  0.003    1.387  1.382    0.003  0.003    0.117  0.055

18 31  7 76      0.004  0.003    1.390  1.389    0.003  0.003    0.128  0.054

19 31  7 76      0.009  0.012    1.358  1.368    0.007  0.004    0.070  0.053

20 31  7 76      0.007  0.003    1.424  1.384    0.006  0.004    0.502  0.059

21 31  7 76      0.004  0.004    1.420  1.410    0.003  0.002    0.587  0.047

22 31  7 76      0.004  0.003    1.426  1.420    0.002  0.002    0.604  0.050

23 31  7 76      0.003  0.003    1.429  1.425    0.002  0.002    0.608  0.039
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
**	**	**	**								
0	1	8	76	0.003	0.003	1.433	1.430	0.003	0.002	0.602	0.030
1	1	8	76	0.003	0.003	1.435	1.432	0.003	0.002	0.591	0.020
2	1	8	76	0.003	0.003	1.447	1.439	0.003	0.002	0.581	0.016
3	1	8	76	0.003	0.003	1.451	1.433	0.004	0.003	0.589	0.011
4	1	8	76	0.003	0.003	1.438	1.433	0.003	0.003	0.581	0.018
5	1	8	76	0.003	0.003	1.432	1.428	0.003	0.003	0.583	0.016
6	1	8	76	0.003	0.003	1.443	1.440	0.003	0.003	0.580	0.016
7	1	8	76	0.003	0.003	1.459	1.451	0.003	0.003	0.586	0.024
8	1	8	76	0.003	0.003	1.451	1.441	0.003	0.003	0.584	0.034
9	1	8	76	0.004	0.003	1.417	1.410	0.003	0.003	0.597	0.038
10	1	8	76	0.004	0.003	1.443	1.430	0.003	0.003	0.597	0.037
11	1	8	76	0.003	0.003	1.413	1.411	0.003	0.003	0.589	0.048
12	1	8	76	0.003	0.003	1.406	1.403	0.003	0.003	0.590	0.050
13	1	8	76	0.004	0.003	1.429	1.419	0.003	0.003	0.582	0.046
14	1	8	76	0.004	0.003	1.402	1.403	0.003	0.002	0.586	0.045
15	1	8	76	0.004	0.003	1.404	1.407	0.003	0.003	0.578	0.047
16	1	8	76	0.004	0.003	1.398	1.388	0.003	0.003	0.588	0.045
17	1	8	76	0.004	0.003	1.381	1.381	0.002	0.002	0.583	0.043
18	1	8	76	0.004	0.003	1.391	1.396	0.002	0.002	0.578	0.042
19	1	8	76	0.004	0.003	1.405	1.404	0.002	0.002	0.582	0.042
20	1	8	76	0.003	0.003	1.422	1.423	0.003	0.002	0.585	0.031
21	1	8	76	0.003	0.003	1.448	1.413	0.003	0.002	0.583	0.021
22	1	8	76	0.003	0.003	1.418	1.413	0.003	0.002	0.577	0.015
23	1	8	76	0.003	0.003	1.421	1.418	0.002	0.002	0.578	0.015

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	2	8	76	0.003	0.003	1.418	1.420	0.002	0.002	0.578	0.017
1	2	8	76	0.003	0.003	1.452	1.433	0.002	0.001	0.581	0.011
2	2	8	76	0.003	0.003	1.448	1.453	0.002	0.001	0.578	0.008
3	2	8	76	0.003	0.003	1.421	1.426	0.002	0.001	0.580	0.006
4	2	8	76	0.003	0.003	1.444	1.447	0.002	0.002	0.576	0.007
5	2	8	76	0.003	0.003	1.449	1.449	0.002	0.001	0.564	0.007
6	2	8	76	0.003	0.003	1.455	1.446	0.002	0.001	0.573	0.011
7	2	8	76	0.003	0.003	1.442	1.434	0.002	0.001	0.576	0.014
8	2	8	76	0.003	0.003	1.421	1.418	0.002	0.001	0.577	0.014
9	2	8	76	0.003	0.003	1.441	1.424	0.002	0.001	0.580	0.021
10	2	8	76	0.003	0.003	1.421	1.416	0.002	0.001	0.570	0.024
11	2	8	76	0.003	0.003	1.414	1.406	0.002	0.002	0.582	0.033
12	2	8	76	0.003	0.003	1.400	1.388	0.002	0.002	0.584	0.043
13	2	8	76	0.004	0.003	1.382	1.377	0.002	0.002	0.578	0.045
14	2	8	76	0.004	0.004	1.377	1.372	0.002	0.002	0.578	0.044
15	2	8	76	0.004	0.003	1.387	1.377	0.002	0.002	0.584	0.042
16	2	8	76	0.004	0.003	1.381	1.370	0.002	0.002	0.579	0.044
17	2	8	76	0.004	0.003	1.368	1.366	0.002	0.002	0.566	0.045
18	2	8	76	0.004	0.003	1.360	1.361	0.002	0.002	0.561	0.046
19	2	8	76	0.004	0.004	1.370	1.372	0.002	0.002	0.563	0.040
20	2	8	76	0.004	0.003	1.419	1.418	0.002	0.002	0.574	0.023
21	2	8	76	0.004	0.003	1.415	1.417	0.001	0.001	0.567	0.021
22	2	8	76	0.003	0.003	1.431	1.430	0.001	0.001	0.567	0.020
23	2	8	76	0.003	0.003	1.451	1.445	0.001	0.001	0.574	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	8	76	0.003	0.003	1.469	1.460	0.001	0.001	0.570	0.018
1	3	8	76	0.003	0.003	1.448	1.443	0.001	0.001	0.567	0.016
2	3	8	76	0.003	0.003	1.444	1.438	0.001	0.001	0.568	0.014
3	3	8	76	0.003	0.003	1.444	1.438	0.001	0.001	0.567	0.012
4	3	8	76	0.004	0.003	1.445	1.441	0.001	0.001	0.566	0.035
5	3	8	76	0.003	0.003	1.423	1.422	0.001	0.001	0.571	0.036
6	3	8	76	0.003	0.003	1.440	1.443	0.001	0.001	0.571	0.023
7	3	8	76	0.003	0.003	1.454	1.453	0.002	0.001	0.574	0.030
8	3	8	76	0.004	0.003	1.429	1.425	0.002	0.002	0.575	0.040
9	3	8	76	0.004	0.003	1.412	1.405	0.002	0.002	0.576	0.045
10	3	8	76	0.004	0.003	1.397	1.395	0.002	0.002	0.571	0.046
11	3	8	76	99.000	99.000	99.000	99.000	0.002	0.002	0.553	0.048
12	3	8	76	99.000	99.000	99.000	99.000	0.002	0.002	0.555	0.050
13	3	8	76	0.005	0.003	1.336	1.336	0.002	0.002	0.549	0.051
14	3	8	76	0.004	0.003	1.361	1.360	0.002	0.002	0.554	0.051
15	3	8	76	0.003	0.003	1.360	1.361	0.002	0.002	0.541	0.052
16	3	8	76	0.003	0.003	1.364	1.363	0.003	0.002	0.556	0.052
17	3	8	76	0.004	0.003	1.376	1.373	0.003	0.002	0.565	0.051
18	3	8	76	0.004	0.003	1.398	1.381	0.003	0.002	0.569	0.047
19	3	8	76	0.003	0.003	1.424	1.435	0.003	0.003	0.567	0.028
20	3	8	76	0.003	0.003	1.421	1.419	0.003	0.002	0.570	0.024
21	3	8	76	0.003	0.003	1.424	1.422	0.002	0.002	0.575	0.026
22	3	8	76	0.003	0.003	1.427	1.422	0.002	0.002	0.577	0.024
23	3	8	76	0.003	0.003	1.469	1.437	0.002	0.002	0.573	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	4	8	76	0.003	0.003	1.452	1.431	0.002	0.002	0.580	0.021
1	4	8	76	0.003	0.003	1.450	1.433	0.002	0.001	0.574	0.020
2	4	8	76	0.003	0.003	1.437	1.428	0.002	0.001	0.578	0.017
3	4	8	76	0.003	0.003	1.433	1.428	0.002	0.001	0.575	0.014
4	4	8	76	0.003	0.003	1.440	1.436	0.001	0.001	0.572	0.015
5	4	8	76	0.003	0.003	1.446	1.439	0.002	0.001	0.573	0.013
6	4	8	76	0.003	0.003	1.442	1.437	0.002	0.001	0.575	0.011
7	4	8	76	0.003	0.003	1.440	1.439	0.002	0.002	0.583	0.015
8	4	8	76	0.003	0.003	1.428	1.426	0.002	0.002	0.583	0.028
9	4	8	76	0.004	0.003	1.392	1.392	0.002	0.002	0.568	0.039
10	4	8	76	0.004	0.003	1.372	1.373	0.002	0.002	0.555	0.043
11	4	8	76	0.004	0.003	1.365	1.367	0.002	0.002	0.560	0.046
12	4	8	76	0.004	0.004	1.363	1.365	0.002	0.002	0.563	0.047
13	4	8	76	0.004	0.004	1.368	1.371	0.002	0.002	0.554	0.047
14	4	8	76	0.004	0.003	1.367	1.371	0.002	0.002	0.550	0.047
15	4	8	76	0.004	0.003	1.369	1.372	0.002	0.002	0.559	0.048
16	4	8	76	0.004	0.004	1.370	1.373	0.002	0.002	0.556	0.050
17	4	8	76	0.004	0.004	1.380	1.381	0.001	0.001	0.550	0.051
18	4	8	76	0.004	0.004	1.380	1.383	0.001	0.001	0.549	0.051
19	4	8	76	0.004	0.004	1.390	1.391	0.001	0.001	0.554	0.042
20	4	8	76	0.004	0.004	1.405	1.407	0.001	0.001	0.552	0.032
21	4	8	76	0.004	0.003	1.424	1.424	0.001	0.001	0.562	0.032
22	4	8	76	0.003	0.003	1.493	1.448	0.001	0.001	0.564	0.026
23	4	8	76	0.003	0.003	1.471	1.456	0.001	0.000	0.568	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	8	76	0.003	0.003	1.454	1.447	0.001	0.001	0.573	0.028
1	5	8	76	0.004	0.003	1.458	1.454	0.001	0.001	0.577	0.027
2	5	8	76	0.004	0.003	1.457	1.450	0.001	0.001	0.577	0.027
3	5	8	76	0.004	0.003	1.460	1.451	0.001	0.001	0.577	0.026
4	5	8	76	0.004	0.003	1.460	1.451	0.001	0.001	0.575	0.023
5	5	8	76	0.004	0.003	1.456	1.447	0.001	0.001	0.576	0.024
6	5	8	76	0.004	0.003	1.459	1.453	0.001	0.001	0.573	0.024
7	5	8	76	0.004	0.003	1.445	1.436	0.002	0.002	0.574	0.025
8	5	8	76	0.004	0.003	1.439	1.430	0.002	0.002	0.579	0.030
9	5	8	76	0.004	0.003	1.436	1.419	0.002	0.002	0.569	0.040
10	5	8	76	0.004	0.004	1.410	1.399	0.003	0.002	0.572	0.046
11	5	8	76	0.004	0.004	1.399	1.392	0.003	0.002	0.569	0.047
12	5	8	76	0.004	0.004	1.391	1.385	0.002	0.002	0.563	0.048
13	5	8	76	0.004	0.004	1.385	1.380	0.002	0.002	0.573	0.048
14	5	8	76	0.004	0.004	1.382	1.377	0.002	0.002	0.562	0.049
15	5	8	76	0.004	0.004	1.388	1.379	0.001	0.001	0.550	0.051
16	5	8	76	0.004	0.004	1.386	1.381	0.002	0.002	0.555	0.053
17	5	8	76	0.004	0.004	1.387	1.385	0.002	0.002	0.557	0.053
18	5	8	76	0.004	0.004	1.395	1.392	0.001	0.001	0.561	0.055
19	5	8	76	0.004	0.004	1.405	1.399	0.002	0.002	0.565	0.046
20	5	8	76	0.004	0.004	1.430	1.426	0.002	0.002	0.564	0.036
21	5	8	76	0.004	0.004	1.460	1.451	0.001	0.001	0.579	0.035
22	5	8	76	0.004	0.004	1.482	1.472	0.001	0.001	0.584	0.035
23	5	8	76	0.004	0.004	1.483	1.472	0.001	0.001	0.582	0.036

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	8	76	0.004	0.003	1.486	1.480	0.001	0.001	0.582	0.033
1	6	8	76	0.004	0.003	1.476	1.468	0.000	0.000	0.585	0.029
2	6	8	76	0.004	0.003	1.481	1.469	0.000	0.000	0.589	0.024
3	6	8	76	0.004	0.003	1.489	1.478	0.000	0.000	0.589	0.023
4	6	8	76	0.004	0.003	1.485	1.472	0.000	0.000	0.590	0.024
5	6	8	76	0.004	0.003	1.483	1.472	0.000	0.000	0.589	0.025
6	6	8	76	0.004	0.003	1.487	1.479	0.000	0.000	0.590	0.019
7	6	8	76	0.003	0.003	1.492	1.477	0.001	0.001	0.593	0.028
8	6	8	76	0.004	0.003	1.481	1.465	0.001	0.001	0.599	0.037
9	6	8	76	0.004	0.004	1.442	1.433	0.001	0.001	0.595	0.050
10	6	8	76	0.004	0.004	1.437	1.415	0.002	0.001	0.579	0.054
11	6	8	76	0.004	0.004	1.410	1.400	0.001	0.001	0.574	0.055
12	6	8	76	0.004	0.004	1.403	1.394	0.002	0.002	0.574	0.054
13	6	8	76	0.004	0.004	1.400	1.392	0.001	0.001	0.573	0.052
14	6	8	76	0.004	0.004	1.396	1.388	0.001	0.001	0.578	0.050
15	6	8	76	0.004	0.004	1.396	1.387	0.001	0.001	0.577	0.049
16	6	8	76	0.004	0.004	1.389	1.381	0.001	0.001	0.582	0.046
17	6	8	76	0.004	0.004	1.387	1.380	0.001	0.001	0.576	0.043
18	6	8	76	0.005	0.004	1.387	1.378	0.001	0.001	0.573	0.039
19	6	8	76	0.005	0.004	1.390	1.381	0.001	0.001	0.584	0.038
20	6	8	76	0.004	0.004	1.409	1.402	0.001	0.001	0.586	0.026
21	6	8	76	0.004	0.004	1.443	1.428	0.001	0.001	0.599	0.021
22	6	8	76	0.004	0.004	1.453	1.437	0.000	0.000	0.598	0.020
23	6	8	76	0.004	0.004	1.451	1.436	0.000	0.000	0.592	0.018

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                 RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                              AIR  QUALITY  DATA
HR DY MO YR     SO2    H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++  +--------------------------------------------------------------+

 0  7  8 76   0.004  0.004    1.453   1.437    0.000  0.000    0.591  0.015
 1  7  8 76   0.004  0.004    1.447   1.435    0.000  0.000    0.595  0.015
 2  7  8 76   0.004  0.004    1.446   1.433    0.000  0.000    0.591  0.015
 3  7  8 76   0.004  0.004    1.443   1.431    0.001  0.001    0.595  0.012
 4  7  8 76   0.004  0.004    1.457   1.446    0.001  0.001    0.600  0.011
 5  7  8 76   0.004  0.004    1.450   1.434    0.001  0.001    0.596  0.011
 6  7  8 76   0.004  0.004    1.448   1.430    0.001  0.001    0.605  0.012
 7  7  8 76   0.004  0.004    1.453   1.430    0.002  0.001    0.625  0.018
 8  7  8 76   0.004  0.004    1.443   1.421    0.002  0.002    0.617  0.032
 9  7  8 76   0.004  0.004    1.407   1.391    0.002  0.002    0.607  0.046
10  7  8 76   0.005  0.004    1.393   1.379    0.002  0.002    0.615  0.048
11  7  8 76   0.005  0.004   99.000  99.000    0.002  0.002    0.617  0.047
12  7  8 76   0.005  0.005   99.000  99.000    0.003  0.003    0.592  0.045
13  7  8 76   0.005  0.004    1.349   1.352    0.003  0.003    0.608  0.041
14  7  8 76   0.005  0.004    1.352   1.357    0.003  0.003    0.613  0.038
15  7  8 76   0.005  0.004    1.346   1.353    0.002  0.002    0.583  0.036
16  7  8 76   0.005  0.004    1.348   1.354    0.002  0.002    0.591  0.038
17  7  8 76   0.005  0.004    1.352   1.357    0.002  0.002    0.614  0.039
18  7  8 76   0.005  0.004    1.364   1.369    0.003  0.003    0.610  0.036
19  7  8 76   0.004  0.004    1.377   1.379    0.003  0.003    0.618  0.036
20  7  8 76   0.004  0.004    1.383   1.388    0.003  0.003    0.633  0.036
21  7  8 76   0.004  0.004    1.400   1.398    0.003  0.002    0.622  0.035
22  7  8 76   0.004  0.004    1.404   1.405    0.002  0.002    0.635  0.034
23  7  8 76   0.004  0.004    1.407   1.407    0.002  0.002    0.641  0.033
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	8	76	0.004	0.004	1.413	1.409	0.002	0.002	0.632	0.033
1	8	8	76	0.004	0.003	1.427	1.411	0.002	0.002	0.629	0.033
2	8	8	76	0.004	0.003	1.416	1.417	0.002	0.002	0.628	0.032
3	8	8	76	0.004	0.003	1.425	1.422	0.002	0.002	0.624	0.029
4	8	8	76	0.004	0.003	1.419	1.416	0.002	0.002	0.630	0.022
5	8	8	76	0.004	0.003	1.423	1.423	0.002	0.002	0.632	0.019
6	8	8	76	0.004	0.003	1.429	1.427	0.002	0.002	0.628	0.016
7	8	8	76	0.003	0.003	1.425	1.426	0.002	0.002	0.636	0.020
8	8	8	76	0.004	0.003	1.395	1.402	0.002	0.002	0.639	0.035
9	8	8	76	0.004	0.004	1.378	1.385	0.003	0.002	0.628	0.040
10	8	8	76	0.004	0.004	1.367	1.376	0.003	0.003	0.625	0.043
11	8	8	76	0.004	0.004	1.366	1.376	0.003	0.003	0.635	0.043
12	8	8	76	0.004	0.004	1.359	1.369	0.003	0.003	0.636	0.043
13	8	8	76	0.004	0.004	1.353	1.364	0.003	0.003	0.633	0.042
14	8	8	76	0.004	0.004	1.352	1.361	0.003	0.003	0.640	0.043
15	8	8	76	0.004	0.004	1.354	1.363	0.003	0.003	0.638	0.042
16	8	8	76	0.004	0.004	1.359	1.367	0.003	0.002	0.656	0.043
17	8	8	76	0.004	0.004	1.370	1.379	0.003	0.002	0.649	0.042
18	8	8	76	0.004	0.005	1.392	1.398	0.005	0.003	0.625	0.042
19	8	8	76	0.004	0.004	1.405	1.407	0.003	0.002	0.642	0.035
20	8	8	76	0.004	0.004	1.419	1.417	0.003	0.002	0.648	0.022
21	8	8	76	0.004	0.003	1.412	1.415	0.003	0.002	0.654	0.021
22	8	8	76	0.004	0.003	1.414	1.414	0.002	0.002	0.651	0.023
23	8	8	76	0.004	0.003	1.413	1.414	0.002	0.002	0.650	0.011

RIO BLANCO OIL SHALE PROJECT   SITE   THREE

AIR   QUALITY   DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	8	76	0.004	0.003	1.416	1.416	0.002	0.002	0.651	0.024
1	9	8	76	0.004	0.003	1.421	1.416	0.003	0.002	0.649	0.030
2	9	8	76	0.003	0.003	1.372	1.411	0.003	0.003	0.640	0.017
3	9	8	76	0.004	0.003	1.403	1.410	0.003	0.003	0.645	0.009
4	9	8	76	0.004	0.003	1.403	1.405	0.003	0.003	0.644	0.007
5	9	8	76	0.004	0.003	1.411	1.413	0.003	0.003	0.640	0.007
6	9	8	76	0.004	0.003	1.423	1.425	0.003	0.002	0.637	0.008
7	9	8	76	0.003	0.003	1.422	1.425	0.003	0.003	0.638	0.012
8	9	8	76	0.004	0.003	1.400	1.403	0.003	0.003	0.644	0.023
9	9	8	76	0.004	0.004	1.375	1.379	0.003	0.003	0.638	0.039
10	9	8	76	0.004	0.004	1.365	1.371	0.003	0.003	0.637	0.047
11	9	8	76	0.004	0.004	1.362	1.368	0.003	0.003	0.622	0.052
12	9	8	76	0.004	0.004	1.361	1.367	0.002	0.002	0.615	0.054
13	9	8	76	0.004	0.004	1.366	1.372	0.002	0.002	0.620	0.053
14	9	8	76	0.004	0.004	1.371	1.376	0.003	0.002	0.628	0.052
15	9	8	76	0.004	0.004	1.372	1.376	0.002	0.002	0.626	0.053
16	9	8	76	0.004	0.004	1.370	1.376	0.002	0.002	0.612	0.054
17	9	8	76	0.004	0.004	1.375	1.381	0.002	0.002	0.611	0.054
18	9	8	76	0.004	0.004	1.380	1.385	0.002	0.002	0.616	0.055
19	9	8	76	0.004	0.004	1.390	1.396	0.002	0.002	0.617	0.053
20	9	8	76	0.004	0.004	1.427	1.430	0.002	0.002	0.628	0.036
21	9	8	76	0.004	0.004	1.453	1.454	0.002	0.002	0.631	0.035
22	9	8	76	0.004	0.003	1.464	1.462	0.001	0.001	0.636	0.037
23	9	8	76	0.004	0.003	1.478	1.479	0.001	0.001	0.636	0.041

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	10	8	76	0.004	0.003	1.465	1.464	0.001	0.001	0.628	0.040
1	10	8	76	0.004	0.003	1.474	1.471	0.001	0.001	0.634	0.033
2	10	8	76	0.004	0.003	1.483	1.481	0.001	0.001	0.634	0.032
3	10	8	76	0.004	0.003	1.477	1.474	0.001	0.001	0.639	0.033
4	10	8	76	0.004	0.003	1.471	1.467	0.001	0.001	0.641	0.033
5	10	8	76	0.004	0.003	1.470	1.467	0.001	0.001	0.644	0.027
6	10	8	76	0.004	0.003	1.480	1.478	0.001	0.001	0.636	0.025
7	10	8	76	0.003	0.003	1.476	1.475	0.001	0.001	0.644	0.031
8	10	8	76	0.004	0.003	1.454	1.452	0.001	0.001	0.651	0.042
9	10	8	76	0.004	0.004	1.423	1.424	0.002	0.002	0.641	0.044
10	10	8	76	0.004	0.004	1.392	1.399	0.002	0.002	0.639	0.047
11	10	8	76	0.004	0.004	1.383	1.391	0.002	0.002	0.637	0.046
12	10	8	76	0.004	0.004	1.375	1.383	0.002	0.002	0.633	0.046
13	10	8	76	0.004	0.004	1.378	1.384	0.002	0.002	0.635	0.046
14	10	8	76	0.004	0.004	1.385	1.388	0.002	0.002	0.643	0.046
15	10	8	76	0.004	0.004	1.375	1.382	0.002	0.002	0.622	0.045
16	10	8	76	0.004	0.004	1.376	1.383	0.002	0.002	0.622	0.045
17	10	8	76	0.004	0.004	1.397	1.406	0.003	0.003	0.656	0.038
18	10	8	76	0.004	0.004	1.402	1.406	0.003	0.002	0.656	0.042
19	10	8	76	0.004	0.004	1.461	1.418	0.003	0.003	0.656	0.029
20	10	8	76	0.004	0.004	1.422	1.416	0.002	0.002	0.643	0.034
21	10	8	76	0.004	0.004	1.422	1.422	0.002	0.002	0.644	0.029
22	10	8	76	0.004	0.004	1.423	1.423	0.002	0.002	0.654	0.022
23	10	8	76	0.004	0.003	1.425	1.435	0.002	0.002	0.659	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	8	76	0.004	0.003	1.431	1.426	0.002	0.002	0.657	0.015
1	11	8	76	0.004	0.003	1.436	1.435	0.002	0.002	0.656	0.014
2	11	8	76	0.004	0.003	1.431	1.431	0.002	0.002	0.653	0.022
3	11	8	76	0.004	0.003	1.444	1.439	0.002	0.002	0.650	0.021
4	11	8	76	0.004	0.003	1.444	1.444	0.002	0.002	0.648	0.015
5	11	8	76	0.004	0.003	1.435	1.438	0.002	0.002	0.652	0.014
6	11	8	76	0.004	0.003	1.435	1.435	0.002	0.002	0.647	0.015
7	11	8	76	0.004	0.003	1.432	1.430	0.002	0.002	0.649	0.020
8	11	8	76	0.004	0.003	1.426	1.422	0.002	0.002	0.656	0.025
9	11	8	76	0.004	0.003	1.415	1.408	0.003	0.003	0.657	0.032
10	11	8	76	0.004	0.004	1.388	1.392	0.003	0.003	0.652	0.037
11	11	8	76	0.004	0.004	1.372	1.370	0.003	0.003	0.645	0.044
12	11	8	76	0.004	0.004	99.000	99.000	0.003	0.003	0.644	0.045
13	11	8	76	0.004	0.004	99.000	99.000	0.003	0.003	0.633	0.045
14	11	8	76	0.006	0.008	1.428	1.351	0.006	0.004	0.100	0.045
15	11	8	76	0.004	0.004	1.408	1.387	0.003	0.003	0.000	0.046
16	11	8	76	0.004	0.004	1.394	1.392	0.003	0.002	0.000	0.048
17	11	8	76	0.004	0.004	1.404	1.387	0.003	0.003	0.000	0.042
18	11	8	76	0.004	0.004	1.419	1.417	0.003	0.003	0.000	0.029
19	11	8	76	0.004	0.004	1.438	1.420	0.004	0.003	0.000	0.035
20	11	8	76	0.004	0.003	1.43[illegible]	1.424	0.003	0.003	0.023	0.043
21	11	8	76	0.004	0.003	1.426	1.424	0.003	0.002	0.023	0.044
22	11	8	76	0.004	0.003	1.440	1.425	0.003	0.002	0.025	0.031
23	11	8	76	0.003	0.003	1.444	1.427	0.003	0.002	0.025	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	8	76	0.003	0.003	1.433	1.428	0.003	0.002	0.025	0.020
1	12	8	76	0.004	0.003	1.422	1.421	0.002	0.002	0.031	0.036
2	12	8	76	0.004	0.003	1.437	1.440	0.002	0.002	0.023	0.026
3	12	8	76	0.004	0.003	1.444	1.454	0.002	0.002	0.020	0.015
4	12	8	76	0.004	0.003	1.435	1.434	0.002	0.001	0.022	0.014
5	12	8	76	0.003	0.003	1.435	1.433	0.001	0.001	0.018	0.013
6	12	8	76	0.004	0.003	1.433	1.431	0.002	0.002	0.016	0.012
7	12	8	76	0.004	0.003	1.434	1.430	0.002	0.002	0.028	0.017
8	12	8	76	0.004	0.003	1.421	1.417	0.002	0.002	0.024	0.032
9	12	8	76	0.004	0.003	1.399	1.394	0.003	0.003	0.034	0.037
10	12	8	76	0.004	0.004	1.387	1.382	0.003	0.003	0.017	0.042
11	12	8	76	0.004	0.004	1.374	1.373	0.003	0.003	0.015	0.044
12	12	8	76	0.004	0.004	1.367	1.369	0.002	0.002	0.019	0.051
13	12	8	76	0.004	0.004	1.367	1.372	0.002	0.002	0.012	0.053
14	12	8	76	0.004	0.004	1.364	1.369	0.002	0.002	0.000	0.054
15	12	8	76	0.004	0.004	1.359	1.361	0.002	0.002	0.000	0.052
16	12	8	76	0.004	0.004	1.352	1.354	0.002	0.002	0.000	0.045
17	12	8	76	0.004	0.004	1.355	1.359	0.002	0.002	0.000	0.045
18	12	8	76	0.004	0.004	1.357	1.362	0.002	0.002	0.000	0.042
19	12	8	76	0.004	0.004	1.367	1.366	0.002	0.001	0.000	0.034
20	12	8	76	0.004	0.004	1.397	1.394	0.002	0.002	0.004	0.022
21	12	8	76	0.004	0.004	1.415	1.413	0.001	0.001	0.001	0.019
22	12	8	76	0.004	0.004	1.428	1.425	0.001	0.001	0.007	0.020
23	12	8	76	0.004	0.003	1.434	1.430	0.001	0.001	0.007	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	8	76	0.004	0.004	1.421	1.418	0.001	0.001	0.009	0.016
1	13	8	76	0.004	0.003	1.421	1.421	0.001	0.001	0.013	0.016
2	13	8	76	0.004	0.003	1.431	1.430	0.001	0.001	0.013	0.013
3	13	8	76	0.004	0.003	1.423	1.418	0.001	0.001	0.013	0.024
4	13	8	76	0.004	0.003	1.412	1.410	0.001	0.001	0.015	0.027
5	13	8	76	0.004	0.003	1.421	1.418	0.002	0.002	0.011	0.020
6	13	8	76	0.004	0.003	1.443	1.450	0.002	0.002	0.012	0.014
7	13	8	76	0.004	0.003	1.433	1.434	0.002	0.002	0.008	0.013
8	13	8	76	0.003	0.003	1.415	1.409	0.002	0.002	0.019	0.016
9	13	8	76	0.004	0.003	1.405	1.402	0.002	0.002	0.023	0.019
10	13	8	76	99.000	99.000	99.000	99.000	0.010	0.005	0.000	0.023
11	13	8	76	0.004	0.004	1.308	1.305	0.005	0.004	0.452	0.035
12	13	8	76	0.004	0.004	1.375	1.371	0.004	0.003	0.563	0.042
13	13	8	76	0.004	0.004	1.382	1.377	0.003	0.003	0.575	0.045
14	13	8	76	0.004	0.004	1.394	1.386	0.003	0.003	0.574	0.045
15	13	8	76	0.004	0.003	1.391	1.386	0.003	0.003	0.577	0.046
16	13	8	76	0.004	0.004	1.385	1.380	0.003	0.003	0.573	0.047
17	13	8	76	0.004	0.003	1.373	1.370	0.003	0.003	0.563	0.049
18	13	8	76	0.004	0.004	1.380	1.374	0.003	0.003	0.561	0.049
19	13	8	76	0.004	0.004	1.396	1.389	0.003	0.003	0.571	0.034
20	13	8	76	0.004	0.004	1.404	1.397	0.003	0.003	0.571	0.029
21	13	8	76	0.004	0.004	1.424	1.428	0.002	0.002	0.569	0.029
22	13	8	76	0.004	0.003	1.441	1.447	0.002	0.002	0.565	0.026
23	13	8	76	0.004	0.003	1.443	1.436	0.002	0.002	0.562	0.023

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	8	76	0.004	0.003	1.436	1.430	0.002	0.001	0.566	0.025
1	14	8	76	0.004	0.003	1.435	1.428	0.001	0.001	0.567	0.025
2	14	8	76	0.003	0.003	1.432	1.427	0.001	0.001	0.558	0.025
3	14	8	76	0.003	0.003	1.440	1.432	0.001	0.001	0.567	0.024
4	14	8	76	0.003	0.003	1.440	1.432	0.001	0.001	0.565	0.024
5	14	8	76	0.004	0.003	1.440	1.434	0.001	0.001	0.559	0.024
6	14	8	76	0.004	0.003	1.444	1.438	0.001	0.001	0.562	0.027
7	14	8	76	0.003	0.003	1.444	1.432	0.001	0.001	0.569	0.030
8	14	8	76	0.003	0.003	1.423	1.417	0.002	0.002	0.577	0.037
9	14	8	76	0.004	0.003	1.398	1.396	0.002	0.002	0.571	0.038
10	14	8	76	0.004	0.004	1.403	1.383	0.002	0.002	0.567	0.048
11	14	8	76	0.004	0.004	1.386	1.376	0.002	0.002	0.564	0.060
12	14	8	76	0.004	0.004	1.386	1.376	0.002	0.002	0.559	0.060
13	14	8	76	0.004	0.004	1.384	1.377	0.002	0.002	0.548	0.057
14	14	8	76	0.004	0.004	1.382	1.375	0.002	0.002	0.543	0.058
15	14	8	76	0.004	0.004	1.383	1.376	0.002	0.002	0.547	0.061
16	14	8	76	0.004	0.004	1.384	1.376	0.002	0.002	0.550	0.061
17	14	8	76	0.004	0.004	1.385	1.379	0.002	0.002	0.552	0.058
18	14	8	76	0.004	0.004	1.394	1.386	0.001	0.001	0.549	0.050
19	14	8	76	0.004	0.004	1.401	1.393	0.001	0.001	0.545	0.044
20	14	8	76	0.004	0.004	1.422	1.414	0.001	0.001	0.556	0.032
21	14	8	76	0.004	0.004	1.442	1.432	0.001	0.001	0.569	0.030
22	14	8	76	0.004	0.004	1.448	1.436	0.001	0.001	0.572	0.031
23	14	8	76	0.004	0.003	1.499	1.453	0.001	0.001	0.572	0.028

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                        RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR        SO2      H2S       THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++     +-----------------------------------------------------------------------+

 0 15  8 76     0.004   0.003    1.461   1.443    0.001   0.001    0.570   0.023

 1 15  8 76     0.004   0.003    1.442   1.432    0.001   0.001    0.567   0.030

 2 15  8 76     0.004   0.004    1.436   1.425    0.001   0.001    0.573   0.028

 3 15  8 76     0.004   0.004    1.424   1.423    0.001   0.001    0.581   0.025

 4 15  8 76     0.004   0.003    1.450   1.441    0.001   0.001    0.583   0.028

 5 15  8 76     0.004   0.003    1.443   1.435    0.001   0.001    0.581   0.027

 6 15  8 76     0.004   0.003    1.442   1.438    0.001   0.001    0.582   0.025

 7 15  8 76     0.004   0.003    1.452   1.441    0.001   0.001    0.585   0.030

 8 15  8 76     0.003   0.003    1.420   1.412    0.002   0.002    0.575   0.040

 9 15  8 76     0.004   0.004    1.390   1.387    0.002   0.002    0.556   0.043

10 15  8 76     0.004   0.004    1.375   1.372    0.003   0.003    0.560   0.043

11 15  8 76     0.004   0.004    1.370   1.368    0.002   0.002    0.552   0.046

12 15  8 76     0.004   0.004    1.371   1.366    0.002   0.002    0.553   0.046

13 15  8 76     0.004   0.004    1.369   1.366    0.002   0.002    0.542   0.044

14 15  8 76     0.004   0.004    1.370   1.367    0.002   0.002    0.553   0.043

15 15  8 76     0.004   0.004    1.368   1.365    0.002   0.002    0.547   0.042

16 15  8 76     0.004   0.004    1.369   1.364    0.002   0.002    0.553   0.039

17 15  8 76     0.004   0.004    1.376   1.372    0.002   0.002    0.566   0.042

18 15  8 76     0.004   0.004    1.384   1.378    0.002   0.002    0.559   0.044

19 15  8 76     0.004   0.004    1.394   1.388    0.002   0.002    0.567   0.044

20 15  8 76     0.004   0.004    1.419   1.414    0.002   0.002    0.573   0.031

21 15  8 76     0.004   0.004    1.448   1.437    0.001   0.001    0.577   0.029

22 15  8 76     0.004   0.004    1.446   1.437    0.001   0.001    0.588   0.033

23 15  8 76     0.004   0.004    1.459   1.444    0.001   0.001    0.587   0.030
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	8	76	0.004	0.003	1.464	1.452	0.001	0.001	0.584	0.019
1	16	8	76	0.004	0.003	1.459	1.451	0.001	0.001	0.591	0.022
2	16	8	76	0.004	0.004	1.465	1.456	0.001	0.001	0.588	0.025
3	16	8	76	0.004	0.004	1.468	1.462	0.001	0.001	0.590	0.027
4	16	8	76	0.004	0.004	1.469	1.460	0.001	0.001	0.594	0.027
5	16	8	76	0.004	0.004	1.483	1.472	0.001	0.001	0.586	0.028
6	16	8	76	0.004	0.003	1.476	1.467	0.001	0.001	0.587	0.031
7	16	8	76	0.004	0.003	1.481	1.470	0.001	0.001	0.592	0.032
8	16	8	76	0.004	0.003	1.460	1.445	0.002	0.002	0.585	0.044
9	16	8	76	0.004	0.004	1.434	1.421	0.002	0.002	0.574	0.049
10	16	8	76	0.004	0.004	1.417	1.407	0.002	0.002	0.561	0.049
11	16	8	76	0.004	0.004	1.409	1.399	0.002	0.002	0.569	0.049
12	16	8	76	0.004	0.004	1.407	1.397	0.002	0.002	0.558	0.050
13	16	8	76	0.004	0.004	1.406	1.396	0.002	0.002	0.563	0.050
14	16	8	76	0.004	0.004	1.402	1.392	0.002	0.002	0.563	0.048
15	16	8	76	0.004	0.004	1.394	1.384	0.002	0.002	0.550	0.045
16	16	8	76	0.004	0.004	1.390	1.380	0.002	0.002	0.565	0.043
17	16	8	76	0.004	0.004	1.394	1.383	0.002	0.002	0.571	0.042
18	16	8	76	0.004	0.004	1.409	1.392	0.002	0.002	0.554	0.043
19	16	8	76	0.004	0.004	1.413	1.399	0.002	0.002	0.576	0.041
20	16	8	76	0.004	0.004	1.432	1.417	0.002	0.002	0.571	0.027
21	16	8	76	0.004	0.004	1.447	1.438	0.001	0.001	0.578	0.025
22	16	8	76	0.004	0.004	1.455	1.447	0.001	0.001	0.587	0.025
23	16	8	76	0.004	0.004	1.450	1.444	0.001	0.001	0.590	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO_2	H_2S	THC	CH_4	NOX	NO	CO	O_3
0	17	8	76	0.004	0.003	1.446	1.436	0.001	0.001	0.590	0.018
1	17	8	76	0.004	0.004	1.436	1.429	0.002	0.002	0.585	0.016
2	17	8	76	0.004	0.004	1.437	1.431	0.002	0.002	0.592	0.017
3	17	8	76	0.004	0.004	1.442	1.432	0.002	0.001	0.592	0.017
4	17	8	76	0.004	0.003	1.435	1.421	0.002	0.002	0.594	0.013
5	17	8	76	0.004	0.003	1.434	1.422	0.002	0.002	0.591	0.013
6	17	8	76	0.004	0.004	1.434	1.422	0.002	0.002	0.589	0.013
7	17	8	76	0.004	0.004	1.454	1.475	0.002	0.002	0.593	0.012
8	17	8	76	0.004	0.005	1.456	1.443	0.002	0.002	0.595	0.015
9	17	8	76	0.004	0.003	1.434	1.416	0.002	0.002	0.600	0.026
10	17	8	76	0.004	0.004	1.401	1.389	0.002	0.002	0.590	0.032
11	17	8	76	0.004	0.004	1.390	1.373	0.003	0.003	0.593	0.035
12	17	8	76	0.004	0.004	1.392	1.377	0.003	0.003	0.581	0.036
13	17	8	76	0.004	0.004	1.384	1.374	0.003	0.003	0.592	0.040
14	17	8	76	0.004	0.004	1.380	1.372	0.003	0.003	0.573	0.043
15	17	8	76	0.004	0.004	1.380	1.371	0.003	0.003	0.584	0.042
16	17	8	76	0.004	0.004	1.385	1.377	0.003	0.003	0.582	0.042
17	17	8	76	0.004	0.004	1.391	1.382	0.003	0.003	0.589	0.042
18	17	8	76	0.004	0.004	1.400	1.387	0.003	0.003	0.586	0.042
19	17	8	76	0.004	0.004	1.403	1.391	0.003	0.003	0.596	0.038
20	17	8	76	0.004	0.004	1.410	1.399	0.003	0.003	0.594	0.039
21	17	8	76	0.004	0.004	1.417	1.405	0.003	0.003	0.597	0.037
22	17	8	76	0.004	0.004	1.424	1.413	0.003	0.002	0.601	0.037
23	17	8	76	0.004	0.004	1.439	1.425	0.003	0.003	0.604	0.032

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	8	76	0.004	0.003	1.452	1.436	0.003	0.003	0.618	0.024
1	18	8	76	0.004	0.003	1.455	1.440	0.003	0.003	0.611	0.015
2	18	8	76	0.004	0.003	1.443	1.433	0.003	0.002	0.610	0.012
3	18	8	76	0.004	0.003	1.445	1.437	0.003	0.002	0.603	0.009
4	18	8	76	0.004	0.003	1.440	1.433	0.003	0.002	0.598	0.006
5	18	8	76	0.004	0.003	1.441	1.435	0.002	0.002	0.597	0.008
6	18	8	76	0.003	0.003	1.446	1.442	0.003	0.002	0.600	0.007
7	18	8	76	0.003	0.003	1.443	1.436	0.003	0.003	0.601	0.010
8	18	8	76	0.003	0.003	1.432	1.421	0.003	0.003	0.613	0.021
9	18	8	76	0.004	0.003	1.407	1.403	0.003	0.003	0.611	0.031
10	18	8	76	0.004	0.004	1.382	1.379	0.003	0.003	0.597	0.035
11	18	8	76	0.004	0.004	1.381	1.375	0.003	0.003	0.595	0.036
12	18	8	76	99.000	99.000	99.000	99.000	0.003	0.003	0.590	0.035
13	18	8	76	99.000	99.000	99.000	99.000	0.003	0.003	0.591	0.035
14	18	8	76	0.004	0.001	99.000	99.000	0.003	0.003	0.585	0.035
15	18	8	76	0.002	0.001	1.348	1.352	0.003	0.003	0.597	0.035
16	18	8	76	0.002	0.001	1.358	1.366	0.003	0.003	0.586	0.034
17	18	8	76	0.002	0.001	1.359	1.365	0.003	0.003	0.587	0.034
18	18	8	76	0.002	0.001	1.365	1.373	0.002	0.003	0.577	0.035
19	18	8	76	0.002	0.001	1.418	1.417	0.002	0.002	0.593	0.034
20	18	8	76	0.002	0.001	1.445	1.445	0.002	0.002	0.594	0.024
21	18	8	76	0.002	0.001	1.421	1.418	0.002	0.002	0.585	0.019
22	18	8	76	0.002	0.001	1.426	1.426	0.002	0.002	0.589	0.017
23	18	8	76	0.002	0.001	1.433	1.438	0.002	0.002	0.596	0.015

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	8	76	0.002	0.001	1.425	1.425	0.002	0.002	0.598	0.016
1	19	8	76	0.002	0.001	1.428	1.440	0.002	0.002	0.593	0.012
2	19	8	76	0.002	0.001	1.418	1.422	0.002	0.002	0.591	0.011
3	19	8	76	0.002	0.001	1.420	1.420	0.002	0.002	0.595	0.012
4	19	8	76	0.002	0.001	1.429	1.430	0.002	0.002	0.592	0.015
5	19	8	76	0.002	0.001	1.438	1.438	0.002	0.002	0.597	0.019
6	19	8	76	0.002	0.001	1.443	1.440	0.002	0.002	0.594	0.018
7	19	8	76	0.002	0.001	1.437	1.432	0.003	0.003	0.596	0.022
8	19	8	76	0.002	0.001	1.406	1.407	0.003	0.003	0.606	0.035
9	19	8	76	0.002	0.001	1.386	1.388	0.003	0.003	0.602	0.038
10	19	8	76	0.002	0.001	1.373	1.376	0.003	0.003	0.594	0.038
11	19	8	76	0.002	0.002	1.358	1.363	0.003	0.003	0.588	0.037
12	19	8	76	0.002	0.002	1.355	1.361	0.003	0.003	0.588	0.037
13	19	8	76	0.002	0.002	1.353	1.363	0.003	0.003	0.587	0.036
14	19	8	76	0.002	0.002	1.347	1.357	0.003	0.003	0.593	0.037
15	19	8	76	0.002	0.002	1.344	1.355	0.003	0.003	0.579	0.038
16	19	8	76	0.002	0.002	1.348	1.357	0.003	0.003	0.580	0.039
17	19	8	76	0.002	0.002	1.357	1.365	0.003	0.003	0.588	0.039
18	19	8	76	0.002	0.002	1.380	1.378	0.003	0.003	0.585	0.038
19	19	8	76	0.002	0.002	1.396	1.406	0.003	0.003	0.590	0.030
20	19	8	76	0.002	0.002	1.404	1.410	0.003	0.003	0.595	0.022
21	19	8	76	0.002	0.002	1.434	1.433	0.002	0.002	0.587	0.023
22	19	8	76	0.002	0.001	1.432	1.433	0.002	0.002	0.591	0.020
23	19	8	76	0.002	0.001	1.427	1.428	0.002	0.002	0.587	0.015

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	8	76	0.002	0.001	1.454	1.456	0.002	0.001	0.598	0.018
1	21	8	76	0.002	0.001	1.451	1.451	0.002	0.002	0.590	0.015
2	21	8	76	0.002	0.001	1.456	1.457	0.002	0.002	0.592	0.015
3	21	8	76	0.002	0.001	1.458	1.458	0.002	0.002	0.594	0.015
4	21	8	76	0.002	0.001	1.461	1.459	0.002	0.002	0.594	0.018
5	21	8	76	0.002	0.001	1.467	1.464	0.002	0.002	0.599	0.018
6	21	8	76	0.002	0.001	1.463	1.460	0.002	0.002	0.591	0.019
7	21	8	76	0.002	0.001	1.453	1.451	0.002	0.002	0.598	0.023
8	21	8	76	0.002	0.001	1.424	1.438	0.003	0.003	0.603	0.029
9	21	8	76	0.002	0.001	1.398	1.403	0.003	0.003	0.597	0.036
10	21	8	76	0.002	0.002	1.383	1.383	0.003	0.003	0.589	0.043
11	21	8	76	0.003	0.002	1.386	1.368	0.003	0.003	0.571	0.044
12	21	8	76	0.003	0.002	1.376	1.363	0.003	0.003	0.584	0.043
13	21	8	76	0.002	0.002	1.375	1.370	0.003	0.003	0.583	0.043
14	21	8	76	0.003	0.002	1.373	1.375	0.003	0.003	0.587	0.042
15	21	8	76	0.002	0.002	1.387	1.377	0.003	0.003	0.592	0.043
16	21	8	76	0.003	0.002	1.382	1.379	0.003	0.003	0.591	0.042
17	21	8	76	0.002	0.002	1.383	1.392	0.003	0.003	0.591	0.041
18	21	8	76	0.002	0.002	1.426	1.423	0.003	0.003	0.588	0.038
19	21	8	76	0.002	0.002	1.444	1.439	0.003	0.003	0.597	0.029
20	21	8	76	0.002	0.002	1.420	1.418	0.003	0.003	0.598	0.024
21	21	8	76	0.002	0.002	1.425	1.426	0.002	0.002	0.594	0.026
22	21	8	76	0.002	0.001	1.445	1.443	0.002	0.002	0.592	0.026
23	21	8	76	0.002	0.001	1.448	1.446	0.002	0.002	0.597	0.023

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	22	8	76	0.002	0.001	1.460	1.456	0.002	0.001	0.597	0.018
1	22	8	76	0.002	0.001	1.456	1.454	0.001	0.001	0.596	0.022
2	22	8	76	0.002	0.001	1.449	1.449	0.001	0.001	0.600	0.020
3	22	8	76	0.002	0.001	1.447	1.449	0.001	0.001	0.591	0.017
4	22	8	76	0.002	0.001	1.455	1.455	0.001	0.001	0.589	0.019
5	22	8	76	0.002	0.001	1.459	1.464	0.001	0.001	0.589	0.017
6	22	8	76	0.002	0.001	1.457	1.464	0.001	0.001	0.590	0.018
7	22	8	76	0.002	0.001	1.462	1.461	0.002	0.001	0.595	0.021
8	22	8	76	0.002	0.001	1.438	1.439	0.002	0.002	0.605	0.027
9	22	8	76	0.002	0.001	1.409	1.413	0.003	0.002	0.594	0.032
10	22	8	76	0.002	0.002	1.389	1.394	0.003	0.003	0.591	0.036
11	22	8	76	0.003	0.002	1.381	1.382	0.003	0.003	0.600	0.039
12	22	8	76	0.003	0.002	1.374	1.376	0.003	0.003	0.589	0.039
13	22	8	76	0.003	0.002	1.376	1.381	0.003	0.003	0.591	0.039
14	22	8	76	0.002	0.002	1.373	1.378	0.003	0.003	0.591	0.038
15	22	8	76	0.003	0.002	1.381	1.387	0.004	0.003	0.599	0.034
16	22	8	76	0.002	0.002	1.407	1.398	0.005	0.004	0.623	0.020
17	22	8	76	0.002	0.002	1.396	1.403	0.004	0.004	0.622	0.022
18	22	8	76	0.002	0.002	1.398	1.405	0.003	0.003	0.618	0.033
19	22	8	76	0.002	0.002	1.406	1.413	0.003	0.003	0.602	0.026
20	22	8	76	0.002	0.001	1.404	1.415	0.003	0.003	0.611	0.022
21	22	8	76	0.002	0.001	1.416	1.430	0.003	0.003	0.611	0.015
22	22	8	76	0.002	0.001	1.423	1.430	0.003	0.002	0.606	0.013
23	22	8	76	0.002	0.001	1.427	1.436	0.003	0.002	0.609	0.014

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	8	76	0.002	0.001	1.436	1.440	0.003	0.002	0.602	0.013
1	23	8	76	0.002	0.001	1.431	1.435	0.003	0.003	0.600	0.022
2	23	8	76	0.002	0.001	1.445	1.445	0.003	0.003	0.603	0.016
3	23	8	76	0.002	0.001	1.438	1.434	0.003	0.003	0.600	0.016
4	23	8	76	0.002	0.001	1.437	1.443	0.003	0.003	0.604	0.014
5	23	8	76	0.002	0.001	1.434	1.439	0.003	0.003	0.607	0.019
6	23	8	76	0.002	0.001	1.433	1.440	0.003	0.003	0.605	0.013
7	23	8	76	0.002	0.001	1.429	1.438	0.003	0.003	0.608	0.013
8	23	8	76	0.002	0.001	1.412	1.417	0.003	0.003	0.599	0.029
9	23	8	76	0.002	0.001	1.386	1.399	0.003	0.003	0.599	0.040
10	23	8	76	0.002	0.001	1.372	1.383	0.003	0.003	0.596	0.042
11	23	8	76	0.006	0.006	1.368	1.376	0.008	0.004	0.583	0.042
12	23	8	76	0.003	0.002	1.373	1.377	0.004	0.004	0.596	0.041
13	23	8	76	0.002	0.002	1.375	1.380	0.003	0.003	0.595	0.040
14	23	8	76	0.002	0.001	1.372	1.379	0.003	0.003	0.597	0.040
15	23	8	76	0.002	0.001	1.364	1.371	0.003	0.003	0.595	0.041
16	23	8	76	0.002	0.001	1.360	1.367	0.003	0.003	0.597	0.041
17	23	8	76	0.002	0.002	1.358	1.367	0.003	0.003	0.590	0.043
18	23	8	76	0.002	0.001	1.372	1.379	0.003	0.003	0.584	0.045
19	23	8	76	0.002	0.002	1.408	1.402	0.003	0.003	0.582	0.045
20	23	8	76	0.002	0.001	1.451	1.442	0.003	0.003	0.597	0.031
21	23	8	76	0.002	0.001	1.473	1.483	0.002	0.002	0.597	0.030
22	23	8	76	0.002	0.001	1.488	1.487	0.002	0.002	0.591	0.027
23	23	8	76	0.002	0.001	1.457	1.462	0.002	0.002	0.593	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	8	76	0.002	0.001	1.457	1.460	0.002	0.002	0.595	0.028
1	24	8	76	0.002	0.001	1.455	1.460	0.002	0.001	0.600	0.030
2	24	8	76	0.002	0.001	1.464	1.469	0.002	0.001	0.597	0.029
3	24	8	76	0.002	0.001	1.469	1.474	0.002	0.001	0.594	0.027
4	24	8	76	0.002	0.001	1.475	1.479	0.002	0.001	0.591	0.026
5	24	8	76	0.002	0.001	1.472	1.478	0.002	0.001	0.589	0.025
6	24	8	76	0.002	0.001	1.476	1.483	0.002	0.001	0.589	0.025
7	24	8	76	0.002	0.001	1.466	1.475	0.002	0.001	0.599	0.029
8	24	8	76	0.002	0.001	1.450	1.455	0.002	0.002	0.591	0.041
9	24	8	76	0.002	0.001	1.423	1.431	0.002	0.002	0.586	0.053
10	24	8	76	0.002	0.002	1.410	1.414	0.003	0.002	0.591	0.054
11	24	8	76	0.002	0.002	1.398	1.404	0.003	0.002	0.588	0.055
12	24	8	76	0.002	0.002	1.398	1.402	0.003	0.002	0.596	0.055
13	24	8	76	0.002	0.002	1.402	1.397	0.002	0.002	0.594	0.055
14	24	8	76	0.002	0.002	1.385	1.387	0.002	0.002	0.587	0.055
15	24	8	76	0.002	0.002	1.378	1.377	0.002	0.002	0.582	0.055
16	24	8	76	0.003	0.002	1.372	1.372	0.002	0.002	0.578	0.053
17	24	8	76	0.002	0.002	1.383	1.382	0.002	0.002	0.580	0.052
18	24	8	76	0.002	0.002	1.388	1.390	0.002	0.002	0.580	0.050
19	24	8	76	0.003	0.002	1.413	1.422	0.002	0.002	0.586	0.039
20	24	8	76	0.002	0.002	1.427	1.433	0.002	0.001	0.582	0.032
21	24	8	76	0.002	0.001	1.441	1.450	0.001	0.001	0.588	0.031
22	24	8	76	0.002	0.001	1.471	1.505	0.001	0.001	0.587	0.031
23	24	8	76	0.002	0.001	1.463	1.473	0.001	0.001	0.592	0.032

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	8	76	0.002	0.001	1.464	1.472	0.001	0.001	0.590	0.032
1	25	8	76	0.002	0.001	1.478	1.482	0.001	0.001	0.590	0.033
2	25	8	76	0.002	0.001	1.480	1.483	0.001	0.001	0.583	0.030
3	25	8	76	0.002	0.001	1.484	1.486	0.001	0.001	0.583	0.026
4	25	8	76	0.002	0.001	1.478	1.479	0.001	0.001	0.583	0.023
5	25	8	76	0.002	0.001	1.486	1.490	0.001	0.001	0.587	0.019
6	25	8	76	0.002	0.001	1.482	1.486	0.001	0.001	0.586	0.022
7	25	8	76	0.002	0.001	1.479	1.479	0.002	0.001	0.594	0.029
8	25	8	76	0.002	0.001	1.455	1.453	0.002	0.002	0.601	0.034
9	25	8	76	0.002	0.002	1.426	1.431	0.002	0.002	0.590	0.040
10	25	8	76	0.002	0.002	1.406	1.410	0.003	0.002	0.581	0.044
11	25	8	76	0.003	0.002	1.394	1.400	0.003	0.003	0.589	0.046
12	25	8	76	0.003	0.002	1.389	1.397	0.003	0.003	0.584	0.051
13	25	8	76	0.002	0.002	1.391	1.397	0.002	0.002	0.587	0.051
14	25	8	76	0.002	0.002	1.386	1.389	0.003	0.003	0.599	0.049
15	25	8	76	0.003	0.002	1.378	1.377	0.003	0.003	0.595	0.048
16	25	8	76	0.003	0.002	1.369	1.373	0.003	0.003	0.593	0.047
17	25	8	76	0.002	0.002	1.370	1.375	0.002	0.002	0.595	0.049
18	25	8	76	0.002	0.002	1.363	1.370	0.002	0.002	0.594	0.049
19	25	8	76	0.002	0.002	1.376	1.380	0.003	0.003	0.596	0.036
20	25	8	76	0.003	0.002	1.393	1.400	0.002	0.002	0.606	0.032
21	25	8	76	0.002	0.002	1.406	1.413	0.002	0.002	0.596	0.033
22	25	8	76	0.002	0.002	1.428	1.433	0.001	0.001	0.599	0.031
23	25	8	76	0.002	0.002	1.428	1.434	0.001	0.001	0.601	0.029

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	8	76	0.002	0.001	1.447	1.463	0.001	0.001	0.599	0.028
1	26	8	76	0.002	0.001	1.418	1.428	0.001	0.001	0.602	0.022
2	26	8	76	0.002	0.001	1.445	1.449	0.001	0.001	0.605	0.029
3	26	8	76	0.002	0.001	1.439	1.441	0.001	0.001	0.611	0.032
4	26	8	76	0.002	0.001	1.430	1.433	0.001	0.001	0.608	0.035
5	26	8	76	0.002	0.001	1.428	1.432	0.001	0.001	0.611	0.033
6	26	8	76	0.002	0.001	1.429	1.432	0.001	0.001	0.610	0.036
7	26	8	76	0.002	0.001	1.456	1.461	0.002	0.002	0.611	0.031
8	26	8	76	0.002	0.001	1.422	1.424	0.002	0.002	0.615	0.039
9	26	8	76	0.002	0.002	1.385	1.392	0.002	0.002	0.605	0.044
10	26	8	76	0.003	0.002	1.363	1.372	0.003	0.003	0.596	0.047
11	26	8	76	0.003	0.002	1.358	1.367	0.003	0.002	0.595	0.049
12	26	8	76	0.003	0.002	1.362	1.369	0.003	0.003	0.602	0.047
13	26	8	76	0.003	0.002	1.369	1.378	0.003	0.003	0.613	0.047
14	26	8	76	0.002	0.002	1.367	1.377	0.003	0.002	0.597	0.049
15	26	8	76	0.003	0.002	1.347	1.358	0.003	0.002	0.598	0.050
16	26	8	76	0.003	0.002	1.337	1.350	0.003	0.002	0.602	0.050
17	26	8	76	0.003	0.002	1.339	1.351	0.002	0.002	0.597	0.051
18	26	8	76	0.003	0.002	1.380	1.388	0.003	0.003	0.622	0.044
19	26	8	76	0.003	0.002	1.406	1.413	0.003	0.003	0.633	0.038
20	26	8	76	0.002	0.002	1.412	1.414	0.003	0.002	0.635	0.032
21	26	8	76	0.002	0.001	1.427	1.419	0.003	0.002	0.637	0.021
22	26	8	76	0.002	0.001	1.414	1.419	0.003	0.002	0.635	0.015
23	26	8	76	0.002	0.001	1.429	1.431	0.003	0.002	0.628	0.008

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	8	76	0.002	0.001	1.423	1.430	0.003	0.002	0.623	0.011
1	27	8	76	0.002	0.001	1.428	1.435	0.003	0.002	0.623	0.010
2	27	8	76	0.002	0.001	1.436	1.441	0.003	0.002	0.620	0.009
3	27	8	76	0.002	0.001	1.438	1.442	0.003	0.002	0.618	0.010
4	27	8	76	0.002	0.001	1.436	1.443	0.003	0.002	0.615	0.010
5	27	8	76	0.002	0.001	1.438	1.445	0.002	0.002	0.614	0.010
6	27	8	76	0.002	0.001	1.442	1.446	0.002	0.002	0.613	0.009
7	27	8	76	0.002	0.001	1.449	1.458	0.003	0.002	0.612	0.012
8	27	8	76	0.002	0.001	1.439	1.445	0.003	0.003	0.625	0.020
9	27	8	76	0.002	0.001	1.449	1.438	0.003	0.003	0.624	0.030
10	27	8	76	0.002	0.001	1.437	1.431	0.003	0.003	0.610	0.042
11	27	8	76	0.002	0.002	1.423	1.425	0.003	0.003	0.605	0.044
12	27	8	76	0.003	0.002	1.421	1.423	0.003	0.003	0.600	0.044
13	27	8	76	0.002	0.002	99.000	99.000	0.003	0.003	0.600	0.045
14	27	8	76	0.002	0.002	99.000	99.000	0.003	0.003	0.589	0.046
15	27	8	76	0.002	0.001	99.000	99.000	0.002	0.003	0.581	0.046
16	27	8	76	0.002	0.002	1.426	1.406	0.002	0.003	0.577	0.046
17	27	8	76	0.002	0.002	1.450	1.438	0.002	0.002	0.578	0.046
18	27	8	76	0.002	0.002	1.471	1.452	0.002	0.002	0.588	0.045
19	27	8	76	0.002	0.002	1.500	1.483	0.002	0.002	0.581	0.036
20	27	8	76	0.002	0.002	1.501	1.484	0.002	0.002	0.588	0.027
21	27	8	76	0.002	0.002	1.518	1.501	0.001	0.001	0.593	0.026
22	27	8	76	0.002	0.001	1.520	1.504	0.001	0.001	0.598	0.026
23	27	8	76	0.002	0.002	1.553	1.512	0.002	0.002	0.542	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	8	76	0.002	0.001	1.545	1.519	0.001	0.001	0.527	0.026
1	28	8	76	0.002	0.001	1.553	1.530	0.001	0.001	0.531	0.025
2	28	8	76	0.002	0.001	1.565	1.542	0.001	0.001	0.528	0.022
3	28	8	76	0.002	0.001	1.562	1.543	0.001	0.001	0.523	0.017
4	28	8	76	0.002	0.001	1.565	1.543	0.001	0.001	0.526	0.018
5	28	8	76	0.002	0.001	1.561	1.544	0.001	0.001	0.525	0.019
6	28	8	76	0.002	0.001	1.569	1.549	0.001	0.001	0.519	0.019
7	28	8	76	0.002	0.001	1.575	1.544	0.001	0.001	0.520	0.023
8	28	8	76	0.002	0.001	1.535	1.513	0.001	0.001	0.526	0.029
9	28	8	76	0.002	0.001	1.510	1.489	0.002	0.002	0.522	0.035
10	28	8	76	0.002	0.002	1.489	1.469	0.002	0.002	0.521	0.042
11	28	8	76	0.003	0.002	1.476	1.458	0.002	0.002	0.508	0.048
12	28	8	76	0.003	0.002	1.476	1.452	0.002	0.002	0.514	0.050
13	28	8	76	0.003	0.002	1.467	1.448	0.002	0.002	0.513	0.049
14	28	8	76	0.002	0.002	1.459	1.439	0.002	0.002	0.510	0.049
15	28	8	76	0.003	0.002	1.454	1.434	0.002	0.002	0.501	0.049
16	28	8	76	0.003	0.002	1.458	1.438	0.002	0.002	0.490	0.048
17	28	8	76	0.003	0.002	1.454	1.433	0.002	0.002	0.502	0.047
18	28	8	76	0.003	0.002	1.460	1.437	0.002	0.002	0.509	0.046
19	28	8	76	0.003	0.002	1.516	1.494	0.002	0.002	0.512	0.032
20	28	8	76	0.003	0.002	1.531	1.498	0.002	0.001	0.522	0.028
21	28	8	76	0.002	0.002	1.544	1.511	0.001	0.001	0.527	0.030
22	28	8	76	0.002	0.002	1.542	1.517	0.001	0.001	0.537	0.031
23	28	8	76	0.002	0.002	1.545	1.522	0.001	0.001	0.530	0.029

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	8	76	0.002	0.001	1.542	1.521	0.001	0.001	0.531	0.029
1	29	8	76	0.002	0.001	1.563	1.548	0.001	0.001	0.531	0.029
2	29	8	76	0.002	0.002	1.564	1.546	0.001	0.001	0.531	0.025
3	29	8	76	0.002	0.002	1.553	1.532	0.001	0.001	0.532	0.020
4	29	8	76	0.002	0.002	1.565	1.544	0.001	0.001	0.527	0.021
5	29	8	76	0.002	0.002	1.552	1.535	0.001	0.001	0.528	0.019
6	29	8	76	0.002	0.002	1.553	1.537	0.001	0.001	0.529	0.022
7	29	8	76	0.002	0.001	1.541	1.520	0.001	0.001	0.535	0.025
8	29	8	76	0.002	0.001	1.524	1.500	0.002	0.002	0.517	0.032
9	29	8	76	0.002	0.002	1.494	1.476	0.002	0.002	0.526	0.036
10	29	8	76	0.003	0.002	1.480	1.458	0.002	0.002	0.515	0.038
11	29	8	76	0.003	0.002	1.471	1.447	0.003	0.002	0.513	0.043
12	29	8	76	0.003	0.002	1.467	1.444	0.002	0.002	0.515	0.047
13	29	8	76	0.003	0.002	1.456	1.436	0.002	0.002	0.504	0.047
14	29	8	76	0.003	0.002	1.462	1.437	0.002	0.002	0.507	0.047
15	29	8	76	0.003	0.002	1.466	1.442	0.002	0.002	0.507	0.047
16	29	8	76	0.003	0.002	1.465	1.444	0.002	0.002	0.516	0.047
17	29	8	76	0.003	0.002	1.460	1.441	0.002	0.002	0.514	0.047
18	29	8	76	0.003	0.002	1.457	1.440	0.002	0.002	0.510	0.046
19	29	8	76	0.003	0.002	1.471	1.451	0.002	0.002	0.519	0.035
20	29	8	76	0.003	0.002	1.499	1.480	0.002	0.001	0.522	0.029
21	29	8	76	0.002	0.002	1.518	1.498	0.001	0.001	0.531	0.029
22	29	8	76	0.002	0.002	1.552	1.529	0.001	0.001	0.532	0.029
23	29	8	76	0.002	0.002	1.567	1.540	0.001	0.001	0.537	0.024

```
                     RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                              AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S       THC    CH4       NOX     NO        CO      O3
++ ++ ++ ++     +--------------------------------------------------------------------+

 0 30  8 76      0.002   0.002     1.550  1.529     0.001   0.001     0.544   0.025

 1 30  8 76      0.002   0.002     1.540  1.520     0.001   0.001     0.546   0.026

 2 30  8 76      0.002   0.002     1.550  1.526     0.001   0.001     0.543   0.026

 3 30  8 76      0.002   0.002     1.536  1.516     0.001   0.001     0.538   0.019

 4 30  8 76      0.002   0.002     1.549  1.526     0.001   0.001     0.540   0.019

 5 30  8 76      0.002   0.002     1.542  1.521     0.001   0.001     0.547   0.019

 6 30  8 76      0.002   0.002     1.548  1.530     0.001   0.001     0.542   0.016

 7 30  8 76      0.002   0.002     1.554  1.526     0.001   0.001     0.544   0.020

 8 30  8 76      0.002   0.002     1.520  1.495     0.002   0.002     0.542   0.027

 9 30  8 76      0.002   0.002     1.504  1.480     0.002   0.002     0.545   0.031

10 30  8 76      0.003   0.002     1.482  1.462     0.002   0.002     0.532   0.038

11 30  8 76      0.003   0.002     1.467  1.445     0.002   0.002     0.538   0.042

12 30  8 76      0.003   0.002     1.437  1.427     0.002   0.002     0.528   0.045

13 30  8 76      0.003   0.002     1.427  1.413     0.002   0.002     0.509   0.045

14 30  8 76      0.003   0.002     1.424  1.410     0.002   0.002     0.496   0.045

15 30  8 76      0.003   0.002     1.451  1.418     0.003   0.002     0.520   0.047

16 30  8 76      0.003   0.002     1.445  1.421     0.002   0.002     0.508   0.047

17 30  8 76      0.003   0.002     1.459  1.432     0.002   0.002     0.515   0.046

18 30  8 76      0.003   0.002     1.490  1.464     0.002   0.002     0.516   0.044

19 30  8 76      0.003   0.002     1.519  1.490     0.002   0.002     0.532   0.036

20 30  8 76      0.003   0.002     1.518  1.511     0.002   0.001     0.535   0.041

21 30  8 76      0.002   0.002     1.499  1.479     0.002   0.002     0.538   0.046

22 30  8 76      0.003   0.002     1.499  1.475     0.002   0.002     0.544   0.045

23 30  8 76      0.003   0.002     1.541  1.513     0.002   0.002     0.544   0.033
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	31	8	76	0.002	0.002	1.548	1.524	0.002	0.001	0.541	0.028
1	31	8	76	0.002	0.002	1.554	1.529	0.002	0.002	0.546	0.028
2	31	8	76	0.002	0.002	1.527	1.507	0.002	0.001	0.549	0.030
3	31	8	76	0.002	0.002	1.554	1.521	0.001	0.001	0.542	0.026
4	31	8	76	0.002	0.002	1.554	1.527	0.001	0.001	0.546	0.026
5	31	8	76	0.002	0.002	1.570	1.540	0.002	0.001	0.543	0.025
6	31	8	76	0.002	0.002	1.584	1.549	0.002	0.001	0.542	0.023
7	31	8	76	0.002	0.002	1.547	1.520	0.002	0.002	0.548	0.024
8	31	8	76	0.002	0.002	1.536	1.506	0.002	0.002	0.541	0.029
9	31	8	76	0.002	0.002	1.511	1.479	0.003	0.003	0.534	0.035
10	31	8	76	0.003	0.002	1.482	1.459	0.003	0.003	0.530	0.039
11	31	8	76	0.003	0.002	1.471	1.450	0.003	0.003	0.532	0.041
12	31	8	76	0.003	0.002	1.453	1.436	0.003	0.003	0.528	0.043
13	31	8	76	0.003	0.002	1.456	1.431	0.002	0.002	0.522	0.043
14	31	8	76	0.003	0.002	1.441	1.425	0.002	0.002	0.514	0.042
15	31	8	76	0.003	0.002	1.437	1.418	0.002	0.002	0.512	0.042
16	31	8	76	0.003	0.002	1.432	1.416	0.002	0.002	0.521	0.041
17	31	8	76	0.003	0.002	1.433	1.417	0.002	0.002	0.528	0.042
18	31	8	76	0.003	0.002	1.432	1.419	0.002	0.002	0.519	0.041
19	31	8	76	0.003	0.002	1.438	1.423	0.002	0.002	0.511	0.040
20	31	8	76	0.003	0.002	1.547	1.517	0.002	0.002	0.524	0.028
21	31	8	76	0.003	0.002	1.527	1.502	0.001	0.001	0.530	0.025
22	31	8	76	0.003	0.002	1.529	1.503	0.001	0.001	0.533	0.023
23	31	8	76	0.002	0.002	1.548	1.521	0.001	0.001	0.536	0.022

A.1.4

AIR QUALITY DATA FOR SITE 4
1 JUNE 1976 THROUGH 31 AUGUST 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +-------------------------------+

 0  1  6 76          0.003    0.001    1.481    1.432

 1  1  6 76          0.003    0.001    1.476    1.478

 2  1  6 76          0.002    0.001    1.490    1.488

 3  1  6 76          0.002    0.001    1.484    1.485

 4  1  6 76          0.002    0.001    1.473    1.479

 5  1  6 76          0.002    0.001    1.462    1.468

 6  1  6 76          0.002    0.001    1.464    1.466

 7  1  6 76          0.003    0.001    1.481    1.479

 8  1  6 76          0.003    0.002    1.497    1.491

 9  1  6 76          0.003    0.001    1.496    1.493

10  1  6 76          0.003    0.001    1.481    1.483

11  1  6 76         99.000   99.000    1.474    1.476

12  1  6 76          0.003    0.001    1.458    1.466

13  1  6 76          0.002    0.001    1.452    1.461

14  1  6 76          0.002    0.001    1.447    1.460

15  1  6 76          0.002    0.001    1.435    1.450

16  1  6 76          0.002    0.001    1.428    1.441

17  1  6 76          0.002    0.001    1.422    1.436

18  1  6 76          0.002    0.001    1.420    1.438

19  1  6 76          0.002    0.001    1.431    1.447

20  1  6 76          0.002    0.001    1.455    1.464

21  1  6 76          0.003    0.001    1.492    1.498

22  1  6 76          0.003    0.002    1.515    1.518

23  1  6 76          0.003    0.002    1.500    1.504
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                  AIR QUALITY DATA
HR DY MO YR        SO2     H2S      THC      CH4
++ ++ ++ ++      +----------------------------------+

 0  2  6 76      0.003    0.002    1.501    1.503

 1  2  6 76      0.003    0.002    1.492    1.499

 2  2  6 76      0.003    0.002    1.494    1.500

 3  2  6 76      0.003    0.002    1.500    1.503

 4  2  6 76      0.003    0.002    1.498    1.500

 5  2  6 76      0.003    0.002    1.489    1.491

 6  2  6 76      0.003    0.002    1.496    1.498

 7  2  6 76      0.003    0.002    1.505    1.507

 8  2  6 76      0.003    0.002    1.506    1.508

 9  2  6 76      0.003    0.001    1.499    1.500

10  2  6 76      0.002    0.001    1.474    1.485

11  2  6 76      0.002    0.001    1.461    1.495

12  2  6 76      0.002    0.001    1.453    1.469

13  2  6 76      0.002    0.001    1.445    1.459

14  2  6 76      0.002    0.001    1.440    1.455

15  2  6 76      0.002    0.001    1.435    1.449

16  2  6 76      0.002    0.001    1.443    1.451

17  2  6 76      0.002    0.001    1.420    1.438

18  2  6 76      0.003    0.001    1.434    1.447

19  2  6 76      0.003    0.001    1.447    1.457

20  2  6 76      0.003    0.001    1.466    1.474

21  2  6 76      0.003    0.002    1.496    1.498

22  2  6 76      0.003    0.002    1.511    1.506

23  2  6 76      0.003    0.002    1.513    1.509
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +---------------------------------+

 0  3  6 76          0.003    0.002    1.520    1.519

 1  3  6 76          0.003    0.002    1.517    1.516

 2  3  6 76          0.003    0.002    1.511    1.509

 3  3  6 76          0.003    0.002    1.501    1.501

 4  3  6 76          0.003    0.002    1.493    1.500

 5  3  6 76          0.003    0.002    1.493    1.494

 6  3  6 76          0.003    0.002    1.501    1.503

 7  3  6 76          0.003    0.002    1.495    1.496

 8  3  6 76          0.003    0.002    1.549    1.532

 9  3  6 76          0.003    0.002    1.501    1.494

10  3  6 76          0.003    0.002    1.470    1.471

11  3  6 76          0.003    0.002   99.000   99.000

12  3  6 76          0.003    0.002    1.346    1.331

13  3  6 76          0.003    0.002    1.423    1.404

14  3  6 76          0.003    0.002    1.447    1.420

15  3  6 76          0.003    0.002    1.447    1.419

16  3  6 76          0.003    0.002    1.444    1.424

17  3  6 76          0.003    0.002    1.441    1.414

18  3  6 76          0.003    0.002    1.438    1.409

19  3  6 76          0.003    0.002    1.435    1.413

20  3  6 76          0.003    0.002    1.492    1.464

21  3  6 76          0.003    0.002    1.562    1.523

22  3  6 76          0.003    0.002    1.520    1.482

23  3  6 76          0.003    0.002    1.512    1.474
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++         +-------------------------------+

 0  4  6 76        0.003   0.002   1.534   1.495

 1  4  6 76        0.003   0.002   1.552   1.512

 2  4  6 76        0.002   0.001   1.527   1.498

 3  4  6 76        0.003   0.001   1.528   1.492

 4  4  6 76        0.003   0.001   1.534   1.503

 5  4  6 76        0.002   0.001   1.574   1.532

 6  4  6 76        0.002   0.001   1.571   1.546

 7  4  6 76        0.002   0.001   1.540   1.514

 8  4  6 76        0.002   0.001   1.521   1.491

 9  4  6 76        0.002   0.001   1.472   1.450

10  4  6 76        0.002   0.001   1.452   1.432

11  4  6 76        0.002   0.001   1.448   1.429

12  4  6 76        0.002   0.001   1.444   1.425

13  4  6 76        0.002   0.001   1.436   1.421

14  4  6 76        0.002   0.001   1.427   1.415

15  4  6 76        0.002   0.001   1.423   1.411

16  4  6 76        0.002   0.001   1.435   1.413

17  4  6 76        0.002   0.001   1.421   1.411

18  4  6 76        0.002   0.001   1.421   1.410

19  4  6 76        0.002   0.001   1.423   1.410

20  4  6 76        0.002   0.001   1.436   1.456

21  4  6 76        0.002   0.001   1.475   1.467

22  4  6 76        0.002   0.001   1.482   1.463

23  4  6 76        0.003   0.002   1.492   1.468
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------+

 0   5   6  76     0.003    0.001    1.496    1.471

 1   5   6  76     0.003    0.001    1.525    1.495

 2   5   6  76     0.003    0.001    1.546    1.518

 3   5   6  76     0.003    0.001    1.545    1.505

 4   5   6  76     0.003    0.001    1.529    1.494

 5   5   6  76     0.002    0.001    1.526    1.495

 6   5   6  76     0.003    0.001    1.529    1.492

 7   5   6  76     0.003    0.001    1.511    1.482

 8   5   6  76     0.002    0.001    1.506    1.471

 9   5   6  76     0.002    0.001    1.503    1.482

10   5   6  76     0.002    0.001    1.494    1.465

11   5   6  76     0.002    0.001    1.463    1.437

12   5   6  76     0.002    0.001    1.454    1.426

13   5   6  76     0.002    0.001    1.439    1.422

14   5   6  76     0.002    0.001    1.424    1.407

15   5   6  76     0.002    0.001    1.412    1.397

16   5   6  76     0.002    0.001    1.405    1.392

17   5   6  76     0.002    0.001    1.399    1.390

18   5   6  76     0.002    0.001    1.423    1.407

19   5   6  76     0.002    0.001    1.415    1.402

20   5   6  76     0.002    0.001    1.442    1.424

21   5   6  76     0.002    0.001    1.491    1.469

22   5   6  76     0.002    0.001    1.498    1.473

23   5   6  76     0.002    0.001    1.502    1.476
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +-------------------------------+

 0   6   6  76     0.003    0.001    1.525    1.495

 1   6   6  76     0.003    0.002    1.527    1.500

 2   6   6  76     0.003    0.002    1.523    1.493

 3   6   6  76     0.003    0.002    1.513    1.482

 4   6   6  76     0.003    0.002    1.510    1.479

 5   6   6  76     0.003    0.002    1.515    1.479

 6   6   6  76     0.003    0.002    1.532    1.498

 7   6   6  76     0.003    0.002    1.535    1.493

 8   6   6  76     0.003    0.002    1.506    1.468

 9   6   6  76     0.003    0.002    1.486    1.453

10   6   6  76     0.003    0.002    1.466    1.437

11   6   6  76     0.003    0.002    1.456    1.429

12   6   6  76     0.003    0.002    1.443    1.424

13   6   6  76     0.003    0.002    1.438    1.418

14   6   6  76     0.003    0.002    1.429    1.416

15   6   6  76     0.003    0.002    1.420    1.405

16   6   6  76     0.003    0.002    1.424    1.408

17   6   6  76     0.003    0.002    1.435    1.418

18   6   6  76     0.003    0.002    1.432    1.414

19   6   6  76     0.003    0.002    1.425    1.403

20   6   6  76     0.003    0.002    1.424    1.403

21   6   6  76     0.003    0.002    1.456    1.425

22   6   6  76     0.003    0.002    1.480    1.446

23   6   6  76     0.003    0.002    1.530    1.489
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2      H?S      THC      CH4
++ ++ ++ ++          +------------------------------+

 0  7  6 76         0.003    0.002    1.539    1.497

 1  7  6 76         0.003    0.001    1.509    1.480

 2  7  6 76         0.003    0.001    1.504    1.469

 3  7  6 76         0.002    0.001    1.507    1.473

 4  7  6 76         0.002    0.001    1.508    1.469

 5  7  6 76         0.002    0.001    1.508    1.486

 6  7  6 76         0.002    0.001    1.573    1.504

 7  7  6 76         0.002    0.001    1.528    1.487

 8  7  6 76         0.002    0.001    1.497    1.466

 9  7  6 76         0.002    0.001    1.470    1.440

10  7  6 76         0.002    0.001    1.467    1.436

11  7  6 76         0.002    0.001    1.448    1.423

12  7  6 76         0.002    0.001    1.431    1.412

13  7  6 76         0.002    0.001    1.414    1.398

14  7  6 76         0.002    0.001    1.404    1.388

15  7  6 76         0.002    0.001    1.409    1.392

16  7  6 76         0.002    0.001    1.395    1.385

17  7  6 76         0.002    0.001    1.404    1.390

18  7  6 76         0.002    0.001    1.416    1.403

19  7  6 76         0.002    0.001    1.421    1.403

20  7  6 76         0.002    0.001    1.421    1.405

21  7  6 76         0.003    0.001    1.453    1.437

22  7  6 76         0.003    0.001    1.488    1.468

23  7  6 76         0.002    0.001    1.493    1.467
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +-----------------------------------+

 0   8   6  76     0.002    0.001    1.493    1.460

 1   8   6  76     0.003    0.001    1.497    1.476

 2   8   6  76     0.002    0.001    1.523    1.489

 3   8   6  76     0.002    0.001    1.514    1.487

 4   8   6  76     0.002    0.001    1.494    1.470

 5   8   6  76     0.002    0.001    1.514    1.496

 6   8   6  76     0.002    0.001    1.528    1.496

 7   8   6  76     0.002    0.001    1.503    1.472

 8   8   6  76     0.002    0.001    1.469    1.440

 9   8   6  76     0.002    0.001    1.452    1.426

10   8   6  76     0.002    0.001    1.439    1.415

11   8   6  76     0.002    0.001    1.431    1.409

12   8   6  76     0.002    0.001    1.424    1.403

13   8   6  76     0.002    0.001    1.417    1.398

14   8   6  76     0.002    0.001    1.408    1.396

15   8   6  76     0.002    0.001    1.409    1.393

16   8   6  76     0.002    0.001    1.401    1.389

17   8   6  76     0.002    0.001    1.397    1.385

18   8   6  76     0.002    0.001    1.407    1.386

19   8   6  76     0.002    0.001    1.400    1.386

20   8   6  76     0.002    0.001    1.414    1.403

21   8   6  76     0.002    0.001    1.431    1.412

22   8   6  76     0.002    0.001    1.454    1.426

23   8   6  76     0.002    0.001    1.454    1.427
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++       +--------------------------------+

 0   9   6  76      0.003    0.001    1.456    1.433

 1   9   6  76      0.003    0.002    1.471    1.450

 2   9   6  76      0.003    0.002    1.473    1.449

 3   9   6  76      0.003    0.002    1.484    1.459

 4   9   6  76      0.003    0.002    1.483    1.459

 5   9   6  76      0.003    0.002    1.486    1.458

 6   9   6  76      0.003    0.002    1.506    1.481

 7   9   6  76      0.003    0.002    1.500    1.472

 8   9   6  76      0.003    0.002    1.474    1.449

 9   9   6  76      0.003    0.002    1.447    1.430

10   9   6  76      0.003    0.002    1.427    1.415

11   9   6  76      0.003    0.002    1.421    1.407

12   9   6  76      0.003    0.001    1.407    1.395

13   9   6  76      0.003    0.001    1.400    1.392

14   9   6  76      0.003    0.001    1.394    1.375

15   9   6  76      0.003    0.001    1.396    1.376

16   9   6  76      0.003    0.002    1.395    1.373

17   9   6  76      0.003    0.002    1.399    1.388

18   9   6  76      0.003    0.002    1.391    1.384

19   9   6  76      0.003    0.002    1.410    1.399

20   9   6  76      0.003    0.002    1.431    1.418

21   9   6  76      0.003    0.002    1.456    1.446

22   9   6  76      0.003    0.002    1.441    1.433

23   9   6  76      0.003    0.002    1.460    1.452
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	10	6	76	0.003	0.001	1.458	1.450
1	10	6	76	0.002	0.001	1.462	1.461
2	10	6	76	0.002	0.001	1.468	1.462
3	10	6	76	0.002	0.001	1.488	1.474
4	10	6	76	0.002	0.001	1.476	1.469
5	10	6	76	0.002	0.001	1.499	1.487
6	10	6	76	0.002	0.001	1.501	1.492
7	10	6	76	0.002	0.001	1.465	1.453
8	10	6	76	0.002	0.001	1.436	1.423
9	10	6	76	0.002	0.001	1.415	1.403
10	10	6	76	0.002	0.001	1.406	1.398
11	10	6	76	0.002	0.001	1.402	1.391
12	10	6	76	0.002	0.001	1.396	1.384
13	10	6	76	0.002	0.001	1.388	1.373
14	10	6	76	0.002	0.001	1.383	1.375
15	10	6	76	0.002	0.001	1.384	1.373
16	10	6	76	0.002	0.001	1.384	1.373
17	10	6	76	0.002	0.001	1.377	1.367
18	10	6	76	0.002	0.001	1.379	1.372
19	10	6	76	0.002	0.001	1.386	1.376
20	10	6	76	0.002	0.001	1.394	1.383
21	10	6	76	0.002	0.001	1.406	1.393
22	10	6	76	0.002	0.001	1.414	1.401
23	10	6	76	0.002	0.001	1.428	1.419

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR  DY  MO  YR            SO2      H2S       THC       CH4
++  ++  ++  ++           +-------------------------------------+

 0  11   6  76          0.002    0.001     1.444     1.432

 1  11   6  76          0.002    0.001     1.436     1.425

 2  11   6  76          0.002    0.001     1.454     1.447

 3  11   6  76          0.002    0.001     1.463     1.448

 4  11   6  76          0.002    0.001     1.468     1.460

 5  11   6  76          0.002    0.001     1.461     1.454

 6  11   6  76          0.002    0.001     1.467     1.455

 7  11   6  76          0.002    0.001     1.464     1.455

 8  11   6  76          0.002    0.001     1.464     1.454

 9  11   6  76          0.002    0.001     1.458     1.446

10  11   6  76          0.002    0.001     1.450     1.438

11  11   6  76          0.002    0.001     1.450     1.438

12  11   6  76          0.002    0.001     1.448     1.434

13  11   6  76          0.002    0.001     1.447     1.435

14  11   6  76          0.002    0.001     1.445     1.434

15  11   6  76          0.002    0.001     1.439     1.432

16  11   6  76          0.002    0.001     1.436     1.424

17  11   6  76          0.002    0.001     1.442     1.430

18  11   6  76          0.002    0.001     1.449     1.440

19  11   6  76          0.002    0.001     1.487     1.470

20  11   6  76          0.003    0.001     1.498     1.479

21  11   6  76          0.003    0.001     1.492     1.479

22  11   6  76          0.003    0.001     1.499     1.483

23  11   6  76          0.003    0.001     1.502     1.486
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                     AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +-----------------------------------+

 0  12   6  76    0.003    0.002    1.495    1.480

 1  12   6  76    0.003    0.002    1.498    1.479

 2  12   6  76    0.003    0.002    1.493    1.483

 3  12   6  76    0.003    0.002    1.485    1.476

 4  12   6  76    0.003    0.002    1.489    1.477

 5  12   6  76    0.003    0.002    1.491    1.477

 6  12   6  76    0.003    0.002    1.495    1.486

 7  12   6  76    0.003    0.002    1.490    1.482

 8  12   6  76    0.003    0.002    1.481    1.469

 9  12   6  76    0.003    0.002    1.484    1.474

10  12   6  76    0.003    0.002    1.482    1.467

11  12   6  76    0.003    0.002    1.473    1.459

12  12   6  76    0.003    0.001    1.468    1.453

13  12   6  76    0.003    0.001    1.463    1.450

14  12   6  76    0.003    0.001    1.457    1.445

15  12   6  76    0.003    0.001    1.455    1.440

16  12   6  76    0.003    0.001    1.456    1.442

17  12   6  76    0.003    0.001    1.452    1.442

18  12   6  76   99.000   99.000   99.000   99.000

19  12   6  76    0.003    0.001   99.000   99.000

20  12   6  76    0.003    0.002    1.455    1.452

21  12   6  76    0.003    0.002    1.490    1.487

22  12   6  76    0.003    0.002    1.508    1.499

23  12   6  76    0.003    0.002    1.518    1.507
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                   AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++        +-------------------------------+

 0 13  6 76       0.003    0.001    1.517    1.512

 1 13  6 76       0.002    0.001    1.520    1.510

 2 13  6 76       0.002    0.001    1.511    1.506

 3 13  6 76       0.002    0.001    1.507    1.499

 4 13  6 76       0.002    0.001    1.512    1.502

 5 13  6 76       0.002    0.001    1.519    1.505

 6 13  6 76       0.002    0.001    1.531    1.514

 7 13  6 76       0.002    0.001    1.525    1.507

 8 13  6 76       0.002    0.001    1.511    1.492

 9 13  6 76       0.002    0.001    1.494    1.477

10 13  6 76       0.002    0.001    1.479    1.466

11 13  6 76       0.002    0.001    1.474    1.460

12 13  6 76       0.002    0.001   99.000   99.000

13 13  6 76       0.002    0.001    1.368    1.344

14 13  6 76       0.003    0.001    1.431    1.400

15 13  6 76       0.002    0.002    1.440    1.409

16 13  6 76       0.002    0.001    1.445    1.412

17 13  6 76       0.002    0.001    1.463    1.420

18 13  6 76       0.002    0.001    1.454    1.419

19 13  6 76       0.002    0.001    1.470    1.438

20 13  6 76       0.002    0.002    1.497    1.462

21 13  6 76       0.003    0.002    1.508    1.471

22 13  6 76       0.003    0.002    1.519    1.473

23 13  6 76       0.003    0.002    1.518    1.475
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++          +-------------------------------+

 0 14  6 76         0.003   0.002   1.517   1.478

 1 14  6 76         0.003   0.002   1.517   1.478

 2 14  6 76         0.003   0.002   1.524   1.482

 3 14  6 76         0.003   0.002   1.525   1.485

 4 14  6 76         0.003   0.002   1.526   1.490

 5 14  6 76         0.003   0.002   1.535   1.492

 6 14  6 76         0.003   0.002   1.544   1.503

 7 14  6 76         0.003   0.002   1.551   1.503

 8 14  6 76         0.003   0.002   1.536   1.495

 9 14  6 76         0.003   0.002   1.527   1.486

10 14  6 76         0.003   0.001   1.525   1.486

11 14  6 76         0.003   0.002   1.525   1.483

12 14  6 76         0.003   0.002   1.505   1.471

13 14  6 76         0.002   0.001   1.500   1.462

14 14  6 76         0.002   0.001   1.494   1.452

15 14  6 76         0.002   0.001   1.491   1.452

16 14  6 76         0.002   0.002   1.481   1.442

17 14  6 76         0.002   0.001   1.483   1.444

18 14  6 76         0.002   0.001   1.490   1.452

19 14  6 76         0.002   0.001   1.491   1.456

20 14  6 76         0.002   0.001   1.506   1.473

21 14  6 76         0.002   0.001   1.517   1.479

22 14  6 76         0.002   0.001   1.539   1.503

23 14  6 76         0.002   0.001   1.549   1.508
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------+

 0 15  6 76       0.002    0.001    1.543    1.503

 1 15  6 76       0.003    0.001    1.556    1.513

 2 15  6 76       0.003    0.002    1.561    1.517

 3 15  6 76       0.003    0.002    1.555    1.510

 4 15  6 76       0.003    0.002    1.557    1.511

 5 15  6 76       0.003    0.002    1.548    1.505

 6 15  6 76       0.003    0.002    1.557    1.514

 7 15  6 76       0.003    0.002    1.558    1.512

 8 15  6 76       0.003    0.002    1.547    1.506

 9 15  6 76       0.003    0.002    1.530    1.487

10 15  6 76       0.003    0.002    1.513    1.472

11 15  6 76       0.003    0.002    1.501    1.463

12 15  6 76       0.003    0.002    1.489    1.451

13 15  6 76       0.003    0.002    1.484    1.442

14 15  6 76       0.003    0.002    1.474    1.435

15 15  6 76       0.003    0.002    1.474    1.433

16 15  6 76       0.003    0.002    1.451    1.414

17 15  6 76       0.003    0.002    1.456    1.421

18 15  6 76       0.003    0.002    1.467    1.431

19 15  6 76       0.003    0.002    1.463    1.427

20 15  6 76       0.003    0.002    1.483    1.449

21 15  6 76       0.003    0.002    1.507    1.467

22 15  6 76       0.003    0.002    1.525    1.480

23 15  6 76       0.003    0.002    1.527    1.475
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR              SO2       H2S       THC       CH4
++ ++ ++ ++             +------------------------------------+

 0 16  6 76             0.003     0.002     1.518     1.469

 1 16  6 76             0.002     0.001     1.530     1.484

 2 16  6 76             0.002     0.001     1.526     1.492

 3 16  6 76             0.002     0.001     1.545     1.500

 4 16  6 76             0.002     0.001     1.523     1.477

 5 16  6 76             0.002     0.001     1.506     1.461

 6 16  6 76             0.002     0.001     1.491     1.445

 7 16  6 76             0.002     0.001     1.477     1.437

 8 16  6 76             0.002     0.001     1.466     1.428

 9 16  6 76             0.002     0.001     1.462     1.420

10 16  6 76             0.002     0.001     1.462     1.423

11 16  6 76             0.002     0.001     1.455     1.417

12 16  6 76             0.002     0.001     1.434     1.408

13 16  6 76             0.002     0.001     1.422     1.393

14 16  6 76             0.002     0.001     1.433     1.398

15 16  6 76             0.002     0.001     1.470     1.419

16 16  6 76             0.002     0.001     1.455     1.417

17 16  6 76             0.002     0.001     1.437     1.406

18 16  6 76             0.002     0.002     1.516     1.474

19 16  6 76             0.002     0.001     1.426     1.405

20 16  6 76             0.002     0.001     1.453     1.423

21 16  6 76             0.002     0.001     1.470     1.432

22 16  6 76             0.002     0.001     1.473     1.437

23 16  6 76             0.003     0.001     1.476     1.441
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                   AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++     +----------------------------------+

 0 17  6 76     0.003    0.002    1.472    1.439

 1 17  6 76     0.002    0.001    1.472    1.438

 2 17  6 76     0.002    0.001    1.474    1.437

 3 17  6 76     0.003    0.001    1.469    1.434

 4 17  6 76     0.003    0.001    1.466    1.428

 5 17  6 76     0.002    0.001    1.469    1.433

 6 17  6 76     0.002    0.001    1.472    1.435

 7 17  6 76     0.003    0.002    1.465    1.429

 8 17  6 76     0.003    0.001    1.463    1.429

 9 17  6 76     0.003    0.001    1.461    1.418

10 17  6 76     0.002    0.002    1.454    1.413

11 17  6 76     0.003    0.002    1.446    1.411

12 17  6 76     0.003    0.002    1.454    1.411

13 17  6 76     0.003    0.002    1.450    1.407

14 17  6 76     0.002    0.002    1.451    1.414

15 17  6 76     0.003    0.002    1.466    1.429

16 17  6 76     0.003    0.002    1.462    1.430

17 17  6 76     0.003    0.002    1.441    1.407

18 17  6 76     0.003    0.002    1.448    1.416

19 17  6 76     0.003    0.002    1.458    1.424

20 17  6 76     0.003    0.001    1.465    1.432

21 17  6 76     0.003    0.002    1.464    1.430

22 17  6 76     0.003    0.002    1.469    1.434

23 17  6 76     0.003    0.002    1.474    1.434
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4
0	18	6	76	0.003	0.002	1.485	1.446
1	18	6	76	0.003	0.002	1.487	1.447
2	18	6	76	0.003	0.002	1.475	1.435
3	18	6	76	0.003	0.002	1.492	1.452
4	18	6	76	0.003	0.002	1.514	1.468
5	18	6	76	0.003	0.002	1.506	1.463
6	18	6	76	0.003	0.002	1.511	1.465
7	18	6	76	0.003	0.002	1.496	1.454
8	18	6	76	0.003	0.002	1.492	1.451
9	18	6	76	0.003	0.002	1.481	1.440
10	18	6	76	0.003	0.002	1.465	1.423
11	18	6	76	0.003	0.002	1.464	1.420
12	18	6	76	0.003	0.002	1.465	1.420
13	18	6	76	0.003	0.002	1.458	1.421
14	18	6	76	0.003	0.002	1.462	1.426
15	18	6	76	0.003	0.002	1.475	1.434
16	18	6	76	0.003	0.002	1.469	1.428
17	18	6	76	0.003	0.003	1.449	1.410
18	18	6	76	0.003	0.003	1.434	1.399
19	18	6	76	0.003	0.002	1.436	1.401
20	18	6	76	0.003	0.002	1.455	1.419
21	18	6	76	0.003	0.002	1.473	1.429
22	18	6	76	0.003	0.002	1.497	1.452
23	18	6	76	0.003	0.002	1.499	1.455

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S      THC      CH4
++  ++  ++  ++        +-----------------------------------+

 0  21   6  76        0.003    0.002    1.445    1.406

 1  21   6  76        0.003    0.002    1.443    1.405

 2  21   6  76        0.003    0.002    1.448    1.410

 3  21   6  76        0.003    0.002    1.454    1.425

 4  21   6  76        0.003    0.002    1.444    1.412

 5  21   6  76        0.003    0.002    1.449    1.415

 6  21   6  76        0.003    0.002    1.484    1.439

 7  21   6  76        0.003    0.002    1.453    1.421

 8  21   6  76       99.000   99.000   99.000   99.000

 9  21   6  76       99.000   99.000   99.000   99.000

10  21   6  76       99.000   99.000   99.000   99.000

11  21   6  76       99.000   99.000   99.000   99.000

12  21   6  76       99.000   99.000   99.000   99.000

13  21   6  76       99.000   99.000   99.000   99.000

14  21   6  76       99.000   99.000   99.000   99.000

15  21   6  76       99.000   99.000   99.000   99.000

16  21   6  76       99.000   99.000   99.000   99.000

17  21   6  76        0.003    0.002    1.411    1.375

18  21   6  76        0.003    0.002    1.418    1.380

19  21   6  76        0.003    0.002    1.401    1.386

20  21   6  76        0.004    0.003    1.399    1.375

21  21   6  76        0.003    0.002    1.426    1.390

22  21   6  76        0.003    0.002    1.442    1.400

23  21   6  76        0.003    0.002    1.425    1.394
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------------+

 0  22   6  76     0.003    0.002    1.418    1.392

 1  22   6  76     0.003    0.002    1.428    1.397

 2  22   6  76     0.003    0.002    1.429    1.399

 3  22   6  76     0.003    0.002    1.423    1.393

 4  22   6  76     0.003    0.002    1.418    1.388

 5  22   6  76     0.003    0.002    1.410    1.382

 6  22   6  76     0.003    0.002    1.420    1.385

 7  22   6  76     0.003    0.002    1.416    1.375

 8  22   6  76     0.003    0.002    1.413    1.370

 9  22   6  76     0.003    0.002    1.409    1.369

10  22   6  76     0.003    0.002    1.406    1.365

11  22   6  76     0.003    0.002    1.396    1.360

12  22   6  76    99.000   99.000   99.000   99.000

13  22   6  76    99.000   99.000   99.000   99.000

14  22   6  76    99.000   99.000   99.000   99.000

15  22   6  76    99.000   99.000   99.000   99.000

16  22   6  76    99.000   99.000   99.000   99.000

17  22   6  76    99.000   99.000   99.000   99.000

18  22   6  76     0.003    0.002    1.393    1.352

19  22   6  76     0.003    0.002    1.420    1.370

20  22   6  76     0.003    0.002    1.428    1.378

21  22   6  76     0.003    0.002    1.427    1.379

22  22   6  76     0.003    0.002    1.427    1.380

23  22   6  76     0.003    0.002    1.426    1.300
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR  DY  MO  YR             SO2      H2S      THC      CH4
++  ++  ++  ++         +-----------------------------------+

 0  23   6  76         0.003    0.002    1.426    1.381

 1  23   6  76         0.003    0.002    1.432    1.383

 2  23   6  76         0.003    0.002    1.433    1.386

 3  23   6  76         0.003    0.002    1.438    1.391

 4  23   6  76         0.003    0.002    1.440    1.396

 5  23   6  76         0.003    0.002    1.439    1.395

 6  23   6  76         0.003    0.002    1.442    1.394

 7  23   6  76         0.003    0.002    1.442    1.393

 8  23   6  76         0.003    0.002    1.435    1.391

 9  23   6  76         0.003    0.002    1.435    1.390

10  23   6  76         0.003    0.002    1.437    1.390

11  23   6  76        99.000   99.000   99.000   99.000

12  23   6  76        99.000   99.000   99.000   99.000

13  23   6  76         0.003    0.002    1.435    1.397

14  23   6  76         0.003    0.002    1.430    1.395

15  23   6  76         0.003    0.002    1.432    1.394

16  23   6  76         0.003    0.002    1.418    1.384

17  23   6  76         0.003    0.002    1.414    1.381

18  23   6  76         0.003    0.002    1.426    1.389

19  23   6  76         0.003    0.002    1.421    1.390

20  23   6  76         0.003    0.002    1.425    1.394

21  23   6  76         0.003    0.002    1.447    1.410

22  23   6  76         0.003    0.002    1.453    1.417

23  23   6  76         0.003    0.002    1.456    1.415
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                     AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++      +------------------------------------+

 0 24  6 76      0.003     0.002     1.470     1.428

 1 24  6 76      0.003     0.002     1.477     1.442

 2 24  6 76      0.003     0.002     1.472     1.438

 3 24  6 76      0.003     0.002     1.484     1.450

 4 24  6 76      0.003     0.002     1.489     1.458

 5 24  6 76      0.003     0.002     1.484     1.452

 6 24  6 76      0.003     0.002     1.493     1.461

 7 24  6 76      0.003     0.002     1.522     1.480

 8 24  6 76      0.003     0.002     1.493     1.454

 9 24  6 76      0.003     0.002     1.464     1.427

10 24  6 76      0.003     0.002     1.453     1.417

11 24  6 76      0.003     0.002     1.455     1.419

12 24  6 76      0.003     0.002     1.450     1.417

13 24  6 76      0.003     0.002     1.452     1.415

14 24  6 76      0.003     0.002     1.442     1.407

15 24  6 76      0.003     0.002     1.427     1.397

16 24  6 76      0.003     0.002     1.423     1.392

17 24  6 76      0.003     0.003     1.429     1.391

18 24  6 76      0.003     0.003     1.424     1.337

19 24  6 76      0.003     0.002     1.424     1.389

20 24  6 76      0.003     0.002     1.434     1.401

21 24  6 76      0.003     0.002     1.463     1.428

22 24  6 76      0.003     0.002     1.483     1.443

23 24  6 76      0.003     0.002     1.503     1.458
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR  DY  MO  YR            SO2      H2S       THC       CH4
++  ++  ++  ++           +-----------------------------------+

 0  25   6  76          0.003     0.002     1.501     1.457

 1  25   6  76          0.003     0.002     1.500     1.455

 2  25   6  76          0.003     0.002     1.508     1.464

 3  25   6  76          0.003     0.002     1.508     1.464

 4  25   6  76          0.003     0.002     1.502     1.460

 5  25   6  76          0.003     0.002     1.487     1.448

 6  25   6  76          0.003     0.002     1.483     1.447

 7  25   6  76          0.003     0.002     1.490     1.448

 8  25   6  76          0.003     0.002     1.484     1.444

 9  25   6  76          0.003     0.002     1.461     1.420

10  25   6  76          0.003     0.002     1.445     1.403

11  25   6  76          0.003     0.002     1.436     1.397

12  25   6  76          0.003     0.002     1.434     1.394

13  25   6  76          0.003     0.002     1.426     1.390

14  25   6  76          0.003     0.002     1.416     1.386

15  25   6  76          0.003     0.002     1.409     1.378

16  25   6  76          0.003     0.002     1.390     1.364

17  25   6  76          0.003     0.002     1.386     1.360

18  25   6  76          0.003     0.002     1.385     1.360

19  25   6  76          0.003     0.002     1.418     1.391

20  25   6  76          0.003     0.002     1.419     1.382

21  25   6  76          0.003     0.002     1.426     1.391

22  25   6  76          0.003     0.002     1.433     1.400

23  25   6  76          0.003     0.002     1.439     1.409
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                  AIR QUALITY DATA
HR DY MO YR        SO2     H2S     THC     CH4
++ ++ ++ ++       +--------------------------------+

 0 26  6 76      0.003   0.002   1.441   1.410

 1 26  6 76      0.003   0.002   1.486   1.437

 2 26  6 76      0.003   0.002   1.463   1.427

 3 26  6 76      0.003   0.002   1.466   1.426

 4 26  6 76      0.003   0.002   1.463   1.438

 5 26  6 76      0.003   0.002   1.491   1.453

 6 26  6 76      0.003   0.002   1.495   1.451

 7 26  6 76      0.003   0.002   1.487   1.446

 8 26  6 76      0.003   0.002   1.484   1.444

 9 26  6 76      0.003   0.002   1.477   1.441

10 26  6 76      0.003   0.002   1.467   1.433

11 26  6 76      0.005   0.004  99.000  99.000

12 26  6 76      0.003   0.002   1.441   1.384

13 26  6 76      0.003   0.002   1.508   1.460

14 26  6 76      0.003   0.001   1.496   1.454

15 26  6 76      0.003   0.001   1.482   1.443

16 26  6 76      0.002   0.001   1.474   1.436

17 26  6 76      0.003   0.001   1.473   1.431

18 26  6 76      0.003   0.002   1.471   1.437

19 26  6 76      0.003   0.002   1.496   1.462

20 26  6 76      0.003   0.002   1.483   1.448

21 26  6 76      0.003   0.002   1.525   1.476

22 26  6 76      0.003   0.002   1.539   1.491

23 26  6 76      0.003   0.002   1.542   1.499
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR              SO2      H2S      THC      CH4
++ ++ ++ ++            +------------------------------+

 0 27  6 76           0.003    0.002    1.554    1.506

 1 27  6 76           0.003    0.002    1.560    1.510

 2 27  6 76           0.003    0.002    1.572    1.520

 3 27  6 76           0.003    0.002    1.565    1.514

 4 27  6 76           0.003    0.002    1.561    1.518

 5 27  6 76           0.003    0.002    1.555    1.506

 6 27  6 76           0.003    0.002    1.564    1.509

 7 27  6 76           0.003    0.002    1.562    1.504

 8 27  6 76           0.003    0.002    1.555    1.494

 9 27  6 76           0.003    0.002    1.537    1.479

10 27  6 76           0.003    0.002    1.535    1.455

11 27  6 76           0.003    0.002    1.524    1.471

12 27  6 76           0.003    0.002    1.499    1.456

13 27  6 76           0.003    0.002    1.484    1.447

14 27  6 76           0.003    0.002    1.485    1.449

15 27  6 76           0.003    0.002    1.480    1.441

16 27  6 76           0.003    0.002    1.474    1.437

17 27  6 76           0.003    0.002    1.472    1.433

18 27  6 76           0.003    0.002    1.488    1.451

19 27  6 76           0.003    0.002    1.488    1.445

20 27  6 76           0.003    0.002    1.537    1.417

21 27  6 76           0.003    0.002    1.413    1.398

22 27  6 76           0.003    0.002    1.501    1.282

23 27  6 76           0.003    0.002    1.560    1.479
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                         AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++      +------------------------------------+

 0 28  6 76      0.003    0.002    1.567    1.498

 1 28  6 76      0.003    0.002   99.000   99.000

 2 28  6 76      0.003    0.002   99.000   99.000

 3 28  6 76      0.003    0.002    1.538    1.469

 4 28  6 76      0.003    0.002    1.537    1.487

 5 28  6 76      0.003    0.002    1.537    1.493

 6 28  6 76      0.003    0.002    1.529    1.484

 7 28  6 76      0.003    0.002    1.518    1.474

 8 28  6 76      0.003    0.002   99.000   99.000

 9 28  6 76      0.003    0.002   99.000   99.000

10 28  6 76      0.003    0.002   99.000   99.000

11 28  6 76      0.003    0.002   99.000   99.000

12 28  6 76      0.003    0.001   99.000   99.000

13 28  6 76      0.003    0.001   99.000   99.000

14 28  6 76      0.003    0.001   99.000   99.000

15 28  6 76      0.003    0.001   99.000   99.000

16 28  6 76      0.003    0.001   99.000   99.000

17 28  6 76     99.000   99.000   99.000   99.000

18 28  6 76     99.000   99.000   99.000   99.000

19 28  6 76     99.000   99.000   99.000   99.000

20 28  6 76     99.000   99.000   99.000   99.000

21 28  6 76     99.000   99.000   99.000   99.000

22 28  6 76      0.002    0.003   99.000   99.000

23 28  6 76      0.002    0.002   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                     AIR QUALITY DATA
HR DY MO YR      SO2     H2S     THC     CH4
++ ++ ++ ++      +-----------------------------+

 0 29  6 76    0.002   0.002  99.000  99.000

 1 29  6 76    0.002   0.002  99.000  99.000

 2 29  6 76    0.002   0.002  99.000  99.000

 3 29  6 76    0.002   0.002  99.000  99.000

 4 29  6 76    0.002   0.002  99.000  99.000

 5 29  6 76    0.002   0.002  99.000  99.000

 6 29  6 76    0.002   0.002  99.000  99.000

 7 29  6 76    0.002   0.002  99.000  99.000

 8 29  6 76    0.002   0.002  99.000  99.000

 9 29  6 76    0.002   0.002  99.000  99.000

10 29  6 76    0.002   0.002  99.000  99.000

11 29  6 76    0.002   0.002  99.000  99.000

12 29  6 76    0.002   0.002  99.000  99.000

13 29  6 76   99.000  99.000  99.000  99.000

14 29  6 76   99.000  99.000  99.000  99.000

15 29  6 76   99.000  99.000  99.000  99.000

16 29  6 76   99.000  99.000  99.000  99.000

17 29  6 76   99.000  99.000  99.000  99.000

18 29  6 76   99.000  99.000  99.000  99.000

19 29  6 76   99.000  99.000  99.000  99.000

20 29  6 76    0.002   0.003   1.357   1.344

21 29  6 76    0.002   0.002   1.365   1.359

22 29  6 76    0.002   0.002   1.394   1.378

23 29  6 76    0.002   0.002   1.393   1.386
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++       +-------------------------------------+

 0 30  6 76     0.002    0.003    1.394    1.387

 1 30  6 76     0.002    0.003    1.393    1.379

 2 30  6 76     0.003    0.003    1.383    1.375

 3 30  6 76     0.003    0.003    1.405    1.390

 4 30  6 76     0.003    0.003    1.397    1.387

 5 30  6 76     0.002    0.003    1.390    1.384

 6 30  6 76     0.002    0.003    1.402    1.389

 7 30  6 76     0.003    0.003    1.393    1.392

 8 30  6 76     0.002    0.003    1.364    1.367

 9 30  6 76     0.015    0.015    1.296    1.361

10 30  6 76     0.004    0.004    1.322    1.354

11 30  6 76     0.002    0.003    1.324    1.346

12 30  6 76     0.002    0.003    1.317    1.337

13 30  6 76     0.002    0.002    1.312    1.336

14 30  6 76     0.002    0.002    1.311    1.332

15 30  6 76     0.002    0.003    1.310    1.328

16 30  6 76     0.002    0.003    1.307    1.329

17 30  6 76     0.002    0.003    1.302    1.324

18 30  6 76     0.002    0.003    1.313    1.334

19 30  6 76     0.002    0.003    1.320    1.339

20 30  6 76     0.002    0.003    1.330    1.352

21 30  6 76     0.002    0.003    1.337    1.353

22 30  6 76     0.002    0.002    1.359    1.373

23 30  6 76     0.002    0.002    1.358    1.372
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                   AIR QUALITY DATA
HR  DY  MO  YR     SO2      H2S      THC      CH4
++  ++  ++  ++    +-----------------------------------+

 0   1   7  76    0.002    0.002    1.346    1.362

 1   1   7  76    0.002    0.002    1.347    1.360

 2   1   7  76    0.002    0.002    1.346    1.362

 3   1   7  76    0.002    0.002    1.341    1.359

 4   1   7  76    0.002    0.002    1.355    1.351

 5   1   7  76    0.002    0.002    1.328    1.349

 6   1   7  76    0.002    0.002    1.329    1.351

 7   1   7  76    0.002    0.002    1.323    1.352

 8   1   7  76    0.002    0.002    1.312    1.343

 9   1   7  76    0.002    0.002    1.304    1.338

10   1   7  76    0.002    0.002    1.294    1.331

11   1   7  76    0.002    0.002    1.293    1.327

12   1   7  76    0.002    0.002    1.293    1.328

13   1   7  76    0.015    0.016    1.289    1.314

14   1   7  76    0.004    0.004    1.294    1.320

15   1   7  76    0.002    0.003    1.291    1.314

16   1   7  76    0.002    0.002    1.292    1.331

17   1   7  76    0.002    0.002    1.290    1.317

18   1   7  76    0.002    0.002    1.283    1.332

19   1   7  76    0.002    0.002    1.274    1.316

20   1   7  76    0.002    0.002    1.295    1.327

21   1   7  76    0.002    0.002    1.292    1.324

22   1   7  76    0.002    0.002    1.309    1.335

23   1   7  76    0.002    0.002    1.316    1.332
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +----------------------------------+

 0  2  7 76     0.002    0.002    1.322    1.342

 1  2  7 76     0.002    0.002    1.323    1.341

 2  2  7 76     0.002    0.002    1.324    1.342

 3  2  7 76     0.002    0.002    1.330    1.349

 4  2  7 76     0.002    0.002    1.330    1.345

 5  2  7 76     0.002    0.002    1.329    1.346

 6  2  7 76     0.002    0.002    1.334    1.350

 7  2  7 76     0.002    0.002    1.342    1.356

 8  2  7 76     0.002    0.002    1.355    1.367

 9  2  7 76     0.002    0.002    1.325    1.343

10  2  7 76     0.002    0.002    1.301    1.331

11  2  7 76     0.002    0.002    1.284    1.314

12  2  7 76     0.002    0.002    1.277    1.306

13  2  7 76     0.002    0.002    1.277    1.305

14  2  7 76     0.002    0.002    1.281    1.308

15  2  7 76     0.002    0.002    1.281    1.302

16  2  7 76     0.002    0.002    1.281    1.301

17  2  7 76     0.002    0.002    1.280    1.303

18  2  7 76     0.002    0.002    1.284    1.305

19  2  7 76     0.002    0.002    1.289    1.310

20  2  7 76     0.002    0.002    1.310    1.329

21  2  7 76     0.002    0.002    1.326    1.343

22  2  7 76     0.002    0.002    1.335    1.350

23  2  7 76     0.002    0.002    1.345    1.362
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	3	7	76	0.002	0.003	1.355	1.371
1	3	7	76	0.002	0.003	1.353	1.371
2	3	7	76	0.002	0.003	1.361	1.373
3	3	7	76	0.002	0.003	1.350	1.362
4	3	7	76	0.002	0.003	1.351	1.364
5	3	7	76	0.002	0.003	1.351	1.365
6	3	7	76	0.003	0.003	1.353	1.368
7	3	7	76	0.003	0.003	1.370	1.382
8	3	7	76	0.003	0.003	1.363	1.377
9	3	7	76	0.002	0.003	1.345	1.363
10	3	7	76	0.002	0.003	1.343	1.364
11	3	7	76	0.002	0.003	1.339	1.359
12	3	7	76	0.002	0.003	1.333	1.351
13	3	7	76	0.002	0.002	1.328	1.349
14	3	7	76	0.002	0.002	1.324	1.346
15	3	7	76	0.002	0.002	1.322	1.343
16	3	7	76	0.002	0.002	1.321	1.345
17	3	7	76	0.002	0.002	1.326	1.348
18	3	7	76	0.002	0.003	1.337	1.362
19	3	7	76	0.002	0.002	1.354	1.371
20	3	7	76	0.002	0.003	1.341	1.356
21	3	7	76	0.002	0.003	1.346	1.363
22	3	7	76	0.002	0.003	1.349	1.367
23	3	7	76	0.002	0.003	1.354	1.372

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                      AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +------------------------------------+

 0  4  7 76      0.002    0.002    1.349    1.372

 1  4  7 76      0.002    0.002    1.345    1.366

 2  4  7 76      0.002    0.002    1.346    1.368

 3  4  7 76      0.002    0.002    1.353    1.376

 4  4  7 76      0.002    0.002    1.352    1.378

 5  4  7 76      0.002    0.002    1.345    1.372

 6  4  7 76      0.002    0.002    1.347    1.375

 7  4  7 76      0.002    0.002    1.363    1.387

 8  4  7 76      0.002    0.002    1.358    1.385

 9  4  7 76      0.002    0.002    1.351    1.376

10  4  7 76      0.002    0.002    1.298    1.387

11  4  7 76      0.002    0.002    1.340    1.389

12  4  7 76      0.002    0.002    1.341    1.382

13  4  7 76      0.002    0.002    1.342    1.382

14  4  7 76      0.002    0.002    1.338    1.380

15  4  7 76      0.001    0.002    1.324    1.367

16  4  7 76      0.002    0.002    1.315    1.361

17  4  7 76      0.001    0.002    1.286    1.360

18  4  7 76      0.001    0.002    1.312    1.362

19  4  7 76      0.002    0.002    1.327    1.373

20  4  7 76      0.002    0.002    1.331    1.376

21  4  7 76      0.002    0.002    1.342    1.386

22  4  7 76      0.002    0.002    1.350    1.391

23  4  7 76      0.002    0.002    1.351    1.397
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +-------------------------------+

 0  5  7 76        0.002    0.002    1.388    1.440

 1  5  7 76        0.002    0.002    1.381    1.419

 2  5  7 76        0.002    0.002    1.365    1.111

 3  5  7 76        0.002    0.002    1.361    1.404

 4  5  7 76        0.002    0.002    1.363    1.407

 5  5  7 76        0.002    0.002    1.363    1.406

 6  5  7 76        0.002    0.002    1.374    1.413

 7  5  7 76        0.002    0.002    1.383    1.424

 8  5  7 76        0.002    0.002    1.371    1.415

 9  5  7 76        0.002    0.002    1.360    1.399

10  5  7 76        0.002    0.002    1.367    1.402

11  5  7 76        0.001    0.002    1.357    1.395

12  5  7 76        0.001    0.002    1.344    1.387

13  5  7 76        0.001    0.002    1.330    1.375

14  5  7 76        0.001    0.002    1.326    1.369

15  5  7 76        0.001    0.002    1.323    1.367

16  5  7 76        0.001    0.002    1.328    1.372

17  5  7 76        0.001    0.002    1.332    1.376

18  5  7 76        0.001    0.002   99.000   99.000

19  5  7 76        0.001    0.002   99.000   99.000

20  5  7 76        0.001    0.002    1.436    1.379

21  5  7 76        0.002    0.002    1.458    1.401

22  5  7 76        0.002    0.002    1.472    1.418

23  5  7 76        0.002    0.002    1.477    1.421
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +----------------------------------+

 0  6  7 76        0.002    0.002    1.476    1.417

 1  6  7 76        0.002    0.002    1.468    1.413

 2  6  7 76        0.002    0.003    1.479    1.420

 3  6  7 76        0.002    0.003    1.478    1.422

 4  6  7 76        0.002    0.003    1.476    1.419

 5  6  7 76        0.002    0.003    1.474    1.423

 6  6  7 76        0.002    0.003    1.467    1.412

 7  6  7 76        0.003    0.003    1.478    1.421

 8  6  7 76        0.002    0.003    1.463    1.411

 9  6  7 76        0.002    0.002    1.458    1.409

10  6  7 76        0.002    0.003    1.455    1.404

11  6  7 76        0.002    0.003    1.461    1.408

12  6  7 76        0.002    0.003    1.471    1.412

13  6  7 76        0.002    0.002    1.462    1.412

14  6  7 76        0.002    0.002    1.468    1.407

15  6  7 76        0.002    0.002    1.470    1.418

16  6  7 76        0.002    0.002    1.535    1.417

17  6  7 76        0.001    0.002    1.469    1.406

18  6  7 76        0.002    0.002    1.448    1.394

19  6  7 76        0.002    0.002    1.444    1.396

20  6  7 76        0.002    0.002    1.465    1.414

21  6  7 76        0.002    0.002    1.483    1.421

22  6  7 76        0.002    0.002    1.480    1.422

23  6  7 76        0.002    0.002    1.489    1.428
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR  DY  MO  YR            SO2      H2S       THC       CH4
++  ++  ++  ++           +----------------------------------+

 0   7   7  76          0.002     0.002     1.497     1.439

 1   7   7  76          0.002     0.002     1.490     1.434

 2   7   7  76          0.002     0.002     1.483     1.425

 3   7   7  76          0.002     0.002     1.474     1.426

 4   7   7  76          0.002     0.002     1.482     1.428

 5   7   7  76          0.002     0.002     1.491     1.440

 6   7   7  76          0.002     0.002     1.482     1.432

 7   7   7  76          0.002     0.002     1.479     1.430

 8   7   7  76          0.002     0.002     1.472     1.429

 9   7   7  76          0.001     0.002     1.457     1.414

10   7   7  76          0.002     0.002     1.451     1.406

11   7   7  76         99.000    99.000    99.000    99.000

12   7   7  76          0.002     0.002     1.457     1.406

13   7   7  76          0.007     0.010     1.423     1.383

14   7   7  76          0.004     0.005     1.513     1.450

15   7   7  76          0.002     0.003     1.507     1.447

16   7   7  76          0.002     0.002     1.472     1.421

17   7   7  76          0.002     0.002     1.475     1.417

18   7   7  76          0.002     0.002     1.459     1.407

19   7   7  76          0.002     0.002     1.446     1.398

20   7   7  76          0.002     0.002     1.452     1.407

21   7   7  76          0.002     0.002     1.462     1.414

22   7   7  76          0.002     0.002     1.463     1.415

23   7   7  76          0.002     0.002     1.458     1.411
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	8	7	76	0.002	0.002	1.460	1.412
1	8	7	76	0.002	0.002	1.464	1.417
2	8	7	76	0.002	0.002	1.461	1.415
3	8	7	76	0.002	0.002	1.475	1.427
4	8	7	76	0.002	0.002	1.482	1.434
5	8	7	76	0.002	0.002	1.489	1.438
6	8	7	76	0.002	0.002	1.489	1.441
7	8	7	76	0.002	0.002	1.486	1.438
8	8	7	76	0.002	0.002	1.469	1.426
9	8	7	76	0.002	0.002	1.471	1.426
10	8	7	76	0.002	0.002	1.469	1.425
11	8	7	76	0.001	0.002	1.457	1.411
12	8	7	76	0.002	0.002	1.438	1.394
13	8	7	76	0.002	0.002	1.432	1.383
14	8	7	76	0.001	0.002	1.416	1.375
15	8	7	76	0.001	0.002	1.415	1.377
16	8	7	76	0.001	0.002	1.413	1.375
17	8	7	76	0.002	0.002	1.408	1.372
18	8	7	76	0.001	0.002	1.418	1.379
19	8	7	76	0.002	0.002	1.426	1.384
20	8	7	76	0.002	0.002	1.435	1.391
21	8	7	76	0.002	0.002	1.452	1.405
22	8	7	76	0.002	0.002	1.456	1.408
23	8	7	76	0.002	0.002	1.465	1.419

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                   AIR QUALITY DATA
HR  DY  MO  YR      SO2       H2S       THC      CH4
++  ++  ++  ++     +-------------------------------------+

 0   9   7  76     0.002     0.002     1.467     1.419

 1   9   7  76     0.002     0.003     1.475     1.426

 2   9   7  76     0.002     0.003     1.477     1.428

 3   9   7  76     0.002     0.003     1.478     1.429

 4   9   7  76     0.002     0.003     1.469     1.426

 5   9   7  76     0.002     0.003     1.463     1.424

 6   9   7  76     0.002     0.003     1.477     1.428

 7   9   7  76     0.002     0.003     1.478     1.434

 8   9   7  76     0.002     0.003     1.462     1.419

 9   9   7  76     0.002     0.002     1.451     1.410

10   9   7  76     0.002     0.002     1.439     1.396

11   9   7  76     0.002     0.002     1.430     1.387

12   9   7  76     0.002     0.002     1.419     1.378

13   9   7  76     0.002     0.002     1.412     1.372

14   9   7  76     0.002     0.002     1.422     1.384

15   9   7  76     0.002     0.003     1.421     1.381

16   9   7  76     0.002     0.003     1.421     1.380

17   9   7  76     0.002     0.002     1.418     1.381

18   9   7  76     0.002     0.002     1.414     1.377

19   9   7  76     0.002     0.002     1.413     1.372

20   9   7  76     0.002     0.003     1.426     1.385

21   9   7  76     0.002     0.003     1.434     1.396

22   9   7  76     0.002     0.003     1.450     1.409

23   9   7  76     0.002     0.003     1.456     1.416
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 10  7 76      0.002    0.002    1.453    1.420

 1 10  7 76      0.002    0.002    1.460    1.427

 2 10  7 76      0.002    0.002    1.460    1.423

 3 10  7 76      0.002    0.002    1.477    1.431

 4 10  7 76      0.002    0.002    1.504    1.454

 5 10  7 76      0.002    0.002    1.493    1.447

 6 10  7 76      0.002    0.002    1.473    1.434

 7 10  7 76      0.002    0.002    1.465    1.428

 8 10  7 76      0.002    0.002    1.457    1.417

 9 10  7 76      0.002    0.002    1.453    1.412

10 10  7 76      0.002    0.002    1.481    1.397

11 10  7 76      0.002    0.002    1.421    1.382

12 10  7 76      0.002    0.002    1.407    1.372

13 10  7 76      0.002    0.002    1.403    1.365

14 10  7 76      0.002    0.002    1.398    1.361

15 10  7 76      0.002    0.002    1.405    1.369

16 10  7 76      0.002    0.002    1.419    1.383

17 10  7 76      0.002    0.002    1.427    1.393

18 10  7 76      0.002    0.002    1.438    1.400

19 10  7 76      0.002    0.002    1.442    1.404

20 10  7 76      0.002    0.002    1.444    1.406

21 10  7 76      0.002    0.002    1.434    1.402

22 10  7 76      0.002    0.002    1.448    1.412

23 10  7 76      0.002    0.002    1.450    1.412
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++      +-------------------------------+

 0  11   7  76     0.002    0.002    1.451    1.412

 1  11   7  76     0.002    0.002    1.451    1.412

 2  11   7  76     0.002    0.002    1.454    1.417

 3  11   7  76     0.002    0.002    1.457    1.416

 4  11   7  76     0.002    0.002    1.458    1.420

 5  11   7  76     0.002    0.002    1.451    1.412

 6  11   7  76     0.002    0.002    1.450    1.414

 7  11   7  76     0.002    0.002    1.456    1.413

 8  11   7  76     0.002    0.002    1.444    1.407

 9  11   7  76     0.002    0.002    1.443    1.402

10  11   7  76     0.002    0.002    1.432    1.395

11  11   7  76     0.002    0.002    1.414    1.376

12  11   7  76     0.002    0.002    1.404    1.371

13  11   7  76     0.002    0.002    1.399    1.367

14  11   7  76     0.002    0.002    1.390    1.355

15  11   7  76     0.002    0.002    1.394    1.360

16  11   7  76     0.002    0.002    1.403    1.374

17  11   7  76     0.002    0.003    1.429    1.395

18  11   7  76     0.002    0.003    1.428    1.393

19  11   7  76     0.002    0.003    1.414    1.388

20  11   7  76     0.002    0.003    1.419    1.387

21  11   7  76     0.002    0.003    1.440    1.398

22  11   7  76     0.002    0.003    1.437    1.397

23  11   7  76     0.002    0.003    1.447    1.406
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR           SO2     H2S      THC      CH4
++ ++ ++ ++          +----------------------------------+

 0 12  7 76          0.002    0.003    1.449    1.410

 1 12  7 76          0.002    0.003    1.451    1.415

 2 12  7 76          0.002    0.003    1.454    1.410

 3 12  7 76          0.002    0.003    1.449    1.407

 4 12  7 76          0.002    0.003    1.447    1.403

 5 12  7 76          0.002    0.003    1.446    1.408

 6 12  7 76          0.002    0.003    1.444    1.407

 7 12  7 76          0.002    0.003    1.459    1.418

 8 12  7 76          0.002    0.003    1.446    1.406

 9 12  7 76          0.002    0.003    1.435    1.396

10 12  7 76          0.002    0.003    1.418    1.384

11 12  7 76          0.002    0.003    1.406    1.377

12 12  7 76          0.002    0.003    1.410    1.377

13 12  7 76          0.002    0.003    1.411    1.377

14 12  7 76          0.009    0.009    1.513    1.370

15 12  7 76          0.005    0.005    1.484    1.399

16 12  7 76          0.003    0.003    1.457    1.410

17 12  7 76          0.003    0.003    1.440    1.405

18 12  7 76          0.003    0.003    1.427    1.397

19 12  7 76          0.002    0.003    1.434    1.404

20 12  7 76          0.003    0.003    1.442    1.407

21 12  7 76          0.002    0.003    1.442    1.407

22 12  7 76          0.002    0.003    1.444    1.411

23 12  7 76          0.002    0.003    1.436    1.401
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +--------------------------------+

 0 13  7 76         0.003    0.003    1.435    1.399

 1 13  7 76         0.002    0.003    1.446    1.410

 2 13  7 76         0.002    0.003    1.444    1.408

 3 13  7 76         0.002    0.003    1.439    1.405

 4 13  7 76         0.002    0.003    1.445    1.410

 5 13  7 76         0.002    0.003    1.448    1.409

 6 13  7 76         0.002    0.003    1.452    1.410

 7 13  7 76         0.002    0.003    1.440    1.403

 8 13  7 76         0.002    0.003    1.428    1.397

 9 13  7 76         0.002    0.003    1.422    1.399

10 13  7 76         0.002    0.002    1.448    1.418

11 13  7 76         0.002    0.003    1.458    1.427

12 13  7 76         0.002    0.002    1.423    1.397

13 13  7 76         0.002    0.002    1.406    1.382

14 13  7 76        99.000   99.000   99.000   99.000

15 13  7 76        99.000   99.000   99.000   99.000

16 13  7 76         0.001    0.001    1.406    1.368

17 13  7 76         0.001    0.001    1.410    1.365

18 13  7 76         0.000    0.001    1.404    1.365

19 13  7 76         0.001    0.001    1.406    1.368

20 13  7 76         0.001    0.001    1.409    1.372

21 13  7 76         0.001    0.001    1.438    1.396

22 13  7 76         0.001    0.001    1.458    1.411

23 13  7 76         0.001    0.001    1.456    1.412
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +--------------------------------+

 0 14  7 76         0.001    0.001    1.456    1.412

 1 14  7 76         0.001    0.001    1.446    1.405

 2 14  7 76         0.001    0.001    1.452    1.410

 3 14  7 76         0.001    0.001    1.462    1.416

 4 14  7 76         0.001    0.001    1.462    1.417

 5 14  7 76         0.001    0.001    1.458    1.414

 6 14  7 76         0.001    0.001    1.454    1.414

 7 14  7 76         0.001    0.001    1.471    1.424

 8 14  7 76         0.001    0.001    1.470    1.426

 9 14  7 76         0.001    0.001    1.461    1.413

10 14  7 76         0.001    0.001    1.455    1.414

11 14  7 76         0.001    0.001    1.443    1.403

12 14  7 76         0.001    0.001    1.434    1.399

13 14  7 76         0.001    0.001    1.442    1.392

14 14  7 76         0.001    0.001    1.423    1.386

15 14  7 76         0.001    0.001    1.416    1.382

16 14  7 76         0.001    0.001    1.430    1.385

17 14  7 76         0.001    0.001    1.437    1.396

18 14  7 76         0.001    0.001    1.441    1.401

19 14  7 76         0.002    0.002    1.440    1.395

20 14  7 76         0.002    0.002    1.464    1.422

21 14  7 76         0.002    0.002    1.489    1.445

22 14  7 76         0.002    0.002    1.499    1.456

23 14  7 76         0.002    0.002    1.491    1.448
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 15  7 76        0.002    0.002    1.501    1.462

 1 15  7 76        0.002    0.003    1.511    1.474

 2 15  7 76        0.002    0.003    1.506    1.470

 3 15  7 76        0.002    0.003    1.511    1.464

 4 15  7 76        0.002    0.003    1.490    1.455

 5 15  7 76        0.002    0.003    1.488    1.452

 6 15  7 76        0.002    0.003    1.492    1.457

 7 15  7 76        0.002    0.003    1.514    1.477

 8 15  7 76        0.002    0.003    1.518    1.478

 9 15  7 76        0.002    0.003    1.534    1.489

10 15  7 76        0.002    0.003    1.539    1.494

11 15  7 76        0.002    0.003    1.516    1.477

12 15  7 76        0.002    0.003    1.487    1.455

13 15  7 76        0.002    0.003    1.471    1.443

14 15  7 76        0.002    0.003    1.461    1.434

15 15  7 76        0.002    0.003    1.455    1.425

16 15  7 76        0.002    0.002    1.447    1.419

17 15  7 76        0.002    0.003    1.455    1.416

18 15  7 76        0.002    0.003    1.451    1.422

19 15  7 76        0.002    0.003    1.456    1.431

20 15  7 76        0.002    0.003    1.463    1.437

21 15  7 76        0.002    0.003    1.488    1.459

22 15  7 76        0.002    0.003    1.497    1.465

23 15  7 76        0.002    0.003    1.500    1.470
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++       +--------------------------------+

 0 16  7 76       0.002    0.003    1.501    1.469

 1 16  7 76       0.002    0.002    1.496    1.466

 2 16  7 76       0.002    0.002    1.494    1.464

 3 16  7 76       0.002    0.002    1.510    1.475

 4 16  7 76       0.002    0.002    1.501    1.475

 5 16  7 76       0.002    0.002    1.495    1.464

 6 16  7 76       0.002    0.002    1.497    1.467

 7 16  7 76       0.002    0.002    1.504    1.472

 8 16  7 76       0.002    0.002    1.493    1.463

 9 16  7 76       0.002    0.003    1.499    1.456

10 16  7 76       0.002    0.002    1.488    1.461

11 16  7 76       0.002    0.002    1.474    1.446

12 16  7 76       0.002    0.002    1.461    1.437

13 16  7 76       0.002    0.002    1.460    1.435

14 16  7 76       0.002    0.002    1.455    1.432

15 16  7 76       0.002    0.002    1.456    1.431

16 16  7 76       0.002    0.002    1.462    1.432

17 16  7 76       0.002    0.002    1.514    1.470

18 16  7 76       0.002    0.002    1.516    1.474

19 16  7 76       0.002    0.002    1.497    1.463

20 16  7 76       0.002    0.002    1.494    1.460

21 16  7 76       0.002    0.002    1.528    1.491

22 16  7 76       0.002    0.002    1.545    1.503

23 16  7 76       0.002    0.002    1.540    1.500
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++       +---------------------------------+

 0  17   7  76      0.002    0.002    1.523    1.489

 1  17   7  76      0.002    0.002    1.508    1.475

 2  17   7  76      0.002    0.002    1.503    1.474

 3  17   7  76      0.002    0.002    1.505    1.475

 4  17   7  76      0.002    0.002    1.505    1.475

 5  17   7  76      0.002    0.002    1.501    1.474

 6  17   7  76      0.002    0.002    1.501    1.475

 7  17   7  76      0.002    0.002    1.503    1.480

 8  17   7  76      0.002    0.002    1.480    1.460

 9  17   7  76      0.002    0.002    1.467    1.451

10  17   7  76      0.002    0.002    1.460    1.436

11  17   7  76      0.002    0.002    1.445    1.428

12  17   7  76      0.002    0.002    1.430    1.420

13  17   7  76      0.002    0.002    1.398    1.427

14  17   7  76      0.002    0.002    1.430    1.437

15  17   7  76      0.002    0.002   99.000   99.000

16  17   7  76      0.002    0.002   99.000   99.000

17  17   7  76      0.002    0.002   99.000   99.000

18  17   7  76      0.002    0.002   99.000   99.000

19  17   7  76      0.002    0.002   99.000   99.000

20  17   7  76      0.002    0.003   99.000   99.000

21  17   7  76      0.002    0.003   99.000   99.000

22  17   7  76      0.002    0.002   99.000   99.000

23  17   7  76      0.002    0.002   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                       AIR QUALITY DATA
HR  DY  MO  YR       SO2     H2S      THC      CH4
++  ++  ++  ++      +------------------------------+

 0  18   7  76     0.002    0.003   99.000   99.000

 1  18   7  76     0.003    0.003   99.000   99.000

 2  18   7  76     0.003    0.003   99.000   99.000

 3  18   7  76     0.003    0.003   99.000   99.000

 4  18   7  76     0.003    0.003   99.000   99.000

 5  18   7  76     0.003    0.003   99.000   99.000

 6  18   7  76     0.003    0.003   99.000   99.000

 7  18   7  76    99.000   99.000   99.000   99.000

 8  18   7  76    99.000   99.000   99.000   99.000

 9  18   7  76    99.000   99.000   99.000   99.000

10  18   7  76    99.000   99.000   99.000   99.000

11  18   7  76    99.000   99.000   99.000   99.000

12  18   7  76    99.000   99.000   99.000   99.000

13  18   7  76    99.000   99.000   99.000   99.000

14  18   7  76    99.000   99.000   99.000   99.000

15  18   7  76     0.003    0.003    1.496    1.437

16  18   7  76     0.003    0.003    1.476    1.418

17  18   7  76     0.003    0.003    1.531    1.418

18  18   7  76     0.003    0.003    1.490    1.415

19  18   7  76     0.001    0.003    1.485    1.413

20  18   7  76     0.003    0.003    1.474    1.408

21  18   7  76     0.003    0.003    1.465    1.407

22  18   7  76     0.003    0.003    1.467    1.408

23  18   7  76     0.003    0.003    1.457    1.404
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 19  7 76         0.002    0.003    1.455    1.407

 1 19  7 76         0.002    0.003    1.446    1.404

 2 19  7 76         0.002    0.002    1.448    1.402

 3 19  7 76         0.002    0.002    1.467    1.407

 4 19  7 76         0.002    0.003    1.446    1.395

 5 19  7 76         0.002    0.002    1.436    1.391

 6 19  7 76         0.002    0.002    1.430    1.389

 7 19  7 76         0.002    0.002    1.430    1.397

 8 19  7 76         0.002    0.002    1.440    1.401

 9 19  7 76         0.002    0.002    1.444    1.406

10 19  7 76         0.002    0.002    1.421    1.390

11 19  7 76         0.002    0.002    1.408    1.378

12 19  7 76         0.002    0.002    1.399    1.373

13 19  7 76         0.002    0.002    1.402    1.374

14 19  7 76         0.002    0.002    1.418    1.373

15 19  7 76         0.002    0.002    1.408    1.380

16 19  7 76         0.002    0.002    1.400    1.377

17 19  7 76         0.002    0.002    1.398    1.380

18 19  7 76         0.002    0.002    1.395    1.374

19 19  7 76         0.002    0.002    1.406    1.382

20 19  7 76         0.002    0.002    1.416    1.382

21 19  7 76         0.002    0.002    1.417    1.384

22 19  7 76         0.002    0.002    1.417    1.391

23 19  7 76         0.002    0.002    1.437    1.414
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++       +-------------------------------+

 0 20  7 76     0.002    0.002    1.433    1.408

 1 20  7 76     0.002    0.002    1.426    1.401

 2 20  7 76     0.002    0.002    1.420    1.397

 3 20  7 76     0.002    0.002    1.414    1.393

 4 20  7 76     0.002    0.002    1.439    1.411

 5 20  7 76     0.002    0.002    1.448    1.422

 6 20  7 76     0.002    0.002    1.489    1.442

 7 20  7 76     0.002    0.002    1.497    1.442

 8 20  7 76     0.001    0.002    1.489    1.436

 9 20  7 76     0.001    0.002    1.448    1.404

10 20  7 76     0.001    0.002    1.423    1.389

11 20  7 76     0.002    0.002    1.404    1.369

12 20  7 76     0.002    0.002    1.390    1.362

13 20  7 76     0.001    0.002    1.383    1.360

14 20  7 76     0.002    0.002    1.380    1.365

15 20  7 76     0.001    0.002    1.391    1.374

16 20  7 76     0.001    0.002    1.388    1.367

17 20  7 76     0.001    0.002    1.396    1.365

18 20  7 76     0.002    0.002    1.400    1.360

19 20  7 76     0.002    0.002    1.408    1.370

20 20  7 76     0.001    0.002    1.406    1.369

21 20  7 76     0.001    0.002    1.405    1.372

22 20  7 76     0.002    0.002    1.418    1.384

23 20  7 76     0.002    0.002    1.415    1.387
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0 21  7 76       0.002    0.003    1.409    1.388

 1 21  7 76       0.003    0.003    1.415    1.389

 2 21  7 76       0.003    0.003    1.424    1.395

 3 21  7 76       0.002    0.003    1.431    1.398

 4 21  7 76       0.002    0.003    1.433    1.398

 5 21  7 76       0.003    0.003    1.431    1.398

 6 21  7 76       0.002    0.003    1.440    1.408

 7 21  7 76       0.002    0.003    1.447    1.411

 8 21  7 76       0.002    0.003    1.451    1.414

 9 21  7 76       0.002    0.003    1.445    1.407

10 21  7 76       0.020    0.021    1.456    1.377

11 21  7 76       0.005    0.005    1.435    1.384

12 21  7 76       0.003    0.003    1.463    1.391

13 21  7 76       0.003    0.003    1.437    1.336

14 21  7 76       0.002    0.003    1.423    1.388

15 21  7 76      99.000   99.000   99.000   99.000

16 21  7 76      99.000   99.000   99.000   99.000

17 21  7 76      99.000   99.000   99.000   99.000

18 21  7 76      99.000   99.000   99.000   99.000

19 21  7 76      99.000   99.000   99.000   99.000

20 21  7 76      99.000   99.000   99.000   99.000

21 21  7 76      99.000   99.000   99.000   99.000

22 21  7 76      99.000   99.000   99.000   99.000

23 21  7 76      99.000   99.000   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++     +------------------------------------+

 0  22   7  76   99.000   99.000   99.000   99.000

 1  22   7  76   99.000   99.000   99.000   99.000

 2  22   7  76   99.000   99.000   99.000   99.000

 3  22   7  76   99.000   99.000   99.000   99.000

 4  22   7  76   99.000   99.000   99.000   99.000

 5  22   7  76   99.000   99.000   99.000   99.000

 6  22   7  76   99.000   99.000   99.000   99.000

 7  22   7  76   99.000   99.000   99.000   99.000

 8  22   7  76   99.000   99.000   99.000   99.000

 9  22   7  76   99.000   99.000   99.000   99.000

10  22   7  76   99.000   99.000   99.000   99.000

11  22   7  76   99.000   99.000   99.000   99.000

12  22   7  76   99.000   99.000   99.000   99.000

13  22   7  76   99.000   99.000   99.000   99.000

14  22   7  76   99.000   99.000   99.000   99.000

15  22   7  76   99.000   99.000   99.000   99.000

16  22   7  76   99.000   99.000   99.000   99.000

17  22   7  76   99.000   99.000   99.000   99.000

18  22   7  76   99.000   99.000   99.000   99.000

19  22   7  76   99.000   99.000   99.000   99.000

20  22   7  76   99.000   99.000   99.000   99.000

21  22   7  76   99.000   99.000   99.000   99.000

22  22   7  76   99.000   99.000   99.000   99.000

23  22   7  76   99.000   99.000   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++     +-----------------------------------+

 0 23  7 76  99.000   99.000   99.000   99.000

 1 23  7 76  99.000   99.000   99.000   99.000

 2 23  7 76  99.000   99.000   99.000   99.000

 3 23  7 76  99.000   99.000   99.000   99.000

 4 23  7 76  99.000   99.000   99.000   99.000

 5 23  7 76  99.000   99.000   99.000   99.000

 6 23  7 76  99.000   99.000   99.000   99.000

 7 23  7 76  99.000   99.000   99.000   99.000

 8 23  7 76  99.000   99.000   99.000   99.000

 9 23  7 76  99.000   99.000   99.000   99.000

10 23  7 76  99.000   99.000   99.000   99.000

11 23  7 76  99.000   99.000   99.000   99.000

12 23  7 76  99.000   99.000   99.000   99.000

13 23  7 76  99.000   99.000   99.000   99.000

14 23  7 76  99.000   99.000   99.000   99.000

15 23  7 76  99.000   99.000   99.000   99.000

16 23  7 76   0.002    0.002    1.359    1.319

17 23  7 76   0.002    0.002    1.399    1.369

18 23  7 76   0.002    0.002    1.407    1.379

19 23  7 76   0.002    0.002    1.414    1.385

20 23  7 76   0.002    0.002    1.417    1.392

21 23  7 76   0.002    0.002    1.443    1.413

22 23  7 76   0.002    0.002    1.451    1.421

23 23  7 76   0.002    0.002    1.463    1.429
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR  DY  MO  YR          SO2     H2S     THC     CH4
++  ++  ++  ++          +-----------------------------+

 0  24   7  76        0.002   0.002    1.463    1.432

 1  24   7  76        0.002   0.002    1.464    1.433

 2  24   7  76        0.002   0.002    1.459    1.428

 3  24   7  76        0.002   0.002    1.466    1.434

 4  24   7  76        0.002   0.002    1.465    1.433

 5  24   7  76        0.002   0.002    1.464    1.432

 6  24   7  76        0.002   0.002    1.471    1.437

 7  24   7  76        0.002   0.002    1.478    1.444

 8  24   7  76        0.002   0.002    1.497    1.455

 9  24   7  76        0.002   0.002    1.488    1.443

10  24   7  76        0.002   0.002    1.448    1.418

11  24   7  76        0.002   0.002    1.422    1.406

12  24   7  76        0.002   0.003    1.417    1.398

13  24   7  76        0.002   0.003    1.417    1.394

14  24   7  76        0.002   0.003    1.418    1.392

15  24   7  76        0.002   0.003    1.419    1.396

16  24   7  76        0.002   0.003    1.424    1.401

17  24   7  76        0.002   0.003    1.433    1.400

18  24   7  76        0.002   0.003    1.444    1.404

19  24   7  76        0.002   0.003    1.428    1.398

20  24   7  76        0.002   0.003    1.424    1.398

21  24   7  76        0.002   0.003    1.443    1.412

22  24   7  76        0.002   0.003   99.000   99.000

23  24   7  76        0.002   0.003    1.398    1.375
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR  DY  MO  YR             SO2      H2S      THC      CH4
++  ++  ++  ++          +------------------------------+

 0  25   7  76        0.002    0.003    1.455    1.427

 1  25   7  76        0.002    0.003    1.473    1.439

 2  25   7  76        0.002    0.003    1.454    1.423

 3  25   7  76        0.002    0.003    1.456    1.425

 4  25   7  76        0.002    0.003    1.446    1.422

 5  25   7  76        0.002    0.003    1.442    1.414

 6  25   7  76        0.002    0.003    1.447    1.414

 7  25   7  76        0.002    0.003    1.447    1.411

 8  25   7  76        0.002    0.003    1.455    1.417

 9  25   7  76        0.002    0.003    1.440    1.407

10  25   7  76       99.000   99.000   99.000   99.000

11  25   7  76       99.000   99.000   99.000   99.000

12  25   7  76       99.000   99.000   99.000   99.000

13  25   7  76       99.000   99.000   99.000   99.000

14  25   7  76       99.000   99.000   99.000   99.000

15  25   7  76       99.000   99.000   99.000   99.000

16  25   7  76       99.000   99.000   99.000   99.000

17  25   7  76       99.000   99.000   99.000   99.000

18  25   7  76       99.000   99.000   99.000   99.000

19  25   7  76       99.000   99.000   99.000   99.000

20  25   7  76       99.000   99.000   99.000   99.000

21  25   7  76       99.000   99.000   99.000   99.000

22  25   7  76       99.000   99.000   99.000   99.000

23  25   7  76       99.000   99.000   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR  DY  MO  YR      SO2      H2S      THC      CH4
++  ++  ++  ++     +------------------------------------+

 0  26   7  76   99.000   99.000   99.000   99.000

 1  26   7  76   99.000   99.000   99.000   99.000

 2  26   7  76   99.000   99.000   99.000   99.000

 3  26   7  76   99.000   99.000   99.000   99.000

 4  26   7  76   99.000   99.000   99.000   99.000

 5  26   7  76   99.000   99.000   99.000   99.000

 6  26   7  76   99.000   99.000   99.000   99.000

 7  26   7  76   99.000   99.000   99.000   99.000

 8  26   7  76   99.000   99.000   99.000   99.000

 9  26   7  76   99.000   99.000   99.000   99.000

10  26   7  76   99.000   99.000   99.000   99.000

11  26   7  76    0.001    0.002    1.384    1.384

12  26   7  76    0.001    0.002    1.382    1.376

13  26   7  76    0.001    0.002    1.383    1.376

14  26   7  76    0.002    0.002    1.396    1.390

15  26   7  76    0.002    0.002    1.417    1.404

16  26   7  76    0.002    0.003    1.411    1.394

17  26   7  76    0.002    0.003    1.402    1.385

18  26   7  76    0.002    0.003    1.391    1.377

19  26   7  76    0.002    0.003    1.382    1.371

20  26   7  76    0.002    0.003    1.385    1.379

21  26   7  76    0.002    0.003    1.411    1.404

22  26   7  76    0.002    0.003    1.424    1.413

23  26   7  76    0.002    0.003    1.423    1.406
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                  AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 27  7 76     0.003    0.003    1.419    1.401

 1 27  7 76    99.000   99.000   99.000   99.000

 2 27  7 76    99.000   99.000   99.000   99.000

 3 27  7 76    99.000   99.000   99.000   99.000

 4 27  7 76    99.000   99.000   99.000   99.000

 5 27  7 76    99.000   99.000   99.000   99.000

 6 27  7 76    99.000   99.000   99.000   99.000

 7 27  7 76    99.000   99.000   99.000   99.000

 8 27  7 76    99.000   99.000   99.000   99.000

 9 27  7 76    99.000   99.000   99.000   99.000

10 27  7 76    99.000   99.000   99.000   99.000

11 27  7 76    99.000   99.000   99.000   99.000

12 27  7 76     0.002    0.003    1.406    1.398

13 27  7 76     0.003    0.003    1.410    1.402

14 27  7 76     0.003    0.003    1.402    1.395

15 27  7 76     0.003    0.003    1.396    1.393

16 27  7 76     0.003    0.003    1.388    1.387

17 27  7 76     0.003    0.003    1.375    1.380

18 27  7 76     0.003    0.003    1.393    1.388

19 27  7 76     0.003    0.003    1.412    1.410

20 27  7 76     0.003    0.003    1.414    1.409

21 27  7 76     0.003    0.003    1.416    1.411

22 27  7 76     0.003    0.003    1.437    1.425

23 27  7 76     0.003    0.003    1.451    1.426
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                      AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++      +-------------------------------+

 0  28   7  76      0.002    0.003    1.442    1.420

 1  28   7  76      0.002    0.002    1.440    1.424

 2  28   7  76      0.002    0.002    1.441    1.425

 3  28   7  76      0.002    0.002    1.435    1.422

 4  28   7  76      0.002    0.002    1.427    1.413

 5  28   7  76      0.002    0.002    1.429    1.418

 6  28   7  76      0.002    0.002    1.433    1.418

 7  28   7  76      0.002    0.002    1.426    1.420

 8  28   7  76      0.002    0.002    1.415    1.412

 9  28   7  76      0.002    0.002    1.407    1.404

10  28   7  76      0.002    0.002    1.424    1.415

11  28   7  76      0.002    0.002    1.410    1.405

12  28   7  76      0.002    0.002    1.399    1.396

13  28   7  76      0.002    0.002    1.386    1.380

14  28   7  76      0.002    0.002    1.393    1.383

15  28   7  76      0.002    0.002    1.393    1.386

16  28   7  76      0.002    0.002    1.395    1.389

17  28   7  76      0.002    0.002    1.390    1.392

18  28   7  76      0.002    0.002    1.383    1.380

19  28   7  76      0.002    0.002    1.403    1.393

20  28   7  76      0.002    0.002    1.413    1.395

21  28   7  76      0.002    0.002    1.419    1.406

22  28   7  76      0.002    0.002    1.416    1.414

23  28   7  76      0.002    0.002    1.413    1.407
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++      +--------------------------------------+

 0 29  7 76      0.002    0.002    1.429    1.425

 1 29  7 76      0.002    0.002    1.438    1.429

 2 29  7 76      0.002    0.002    1.436    1.416

 3 29  7 76      0.002    0.002    1.428    1.405

 4 29  7 76      0.002    0.002    1.424    1.393

 5 29  7 76      0.002    0.002    1.428    1.390

 6 29  7 76      0.002    0.002    1.443    1.399

 7 29  7 76      0.002    0.002    1.439    1.400

 8 29  7 76      0.002    0.002    1.427    1.391

 9 29  7 76      0.002    0.002    1.416    1.382

10 29  7 76      0.002    0.002    1.416    1.381

11 29  7 76      0.002    0.002    1.408    1.378

12 29  7 76      0.002    0.002    1.396    1.371

13 29  7 76      0.002    0.002    1.395    1.376

14 29  7 76      0.002    0.002   99.000   99.000

15 29  7 76      0.002    0.002    1.381    1.349

16 29  7 76      0.002    0.002    1.418    1.388

17 29  7 76      0.002    0.002    1.431    1.393

18 29  7 76      0.002    0.002    1.447    1.395

19 29  7 76      0.002    0.002    1.467    1.404

20 29  7 76      0.002    0.002    1.476    1.407

21 29  7 76      0.002    0.002    1.473    1.408

22 29  7 76      0.002    0.002    1.488    1.420

23 29  7 76      0.002    0.002    1.489    1.423
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                   AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++        +------------------------------+

 0 30  7 76      0.002    0.003    1.484    1.413

 1 30  7 76      0.002    0.003    1.474    1.407

 2 30  7 76      0.002    0.003    1.458    1.408

 3 30  7 76      0.003    0.003    1.452    1.407

 4 30  7 76      0.002    0.003    1.474    1.423

 5 30  7 76      0.002    0.003    1.484    1.434

 6 30  7 76      0.003    0.003    1.473    1.430

 7 30  7 76      0.003    0.003    1.470    1.433

 8 30  7 76      0.002    0.003    1.468    1.441

 9 30  7 76      0.002    0.003    1.468    1.441

10 30  7 76      0.003    0.003    1.472    1.440

11 30  7 76      0.003    0.003    1.477    1.437

12 30  7 76      0.003    0.003    1.465    1.430

13 30  7 76      0.002    0.003    1.447    1.421

14 30  7 76      0.002    0.003    1.439    1.411

15 30  7 76      0.002    0.003    1.441    1.415

16 30  7 76      0.002    0.003    1.455    1.421

17 30  7 76      0.002    0.003    1.444    1.413

18 30  7 76      0.002    0.003    1.449    1.412

19 30  7 76      0.002    0.003    1.457    1.420

20 30  7 76      0.002    0.003    1.474    1.433

21 30  7 76      0.003    0.003    1.484    1.446

22 30  7 76      0.003    0.003    1.499    1.455

23 30  7 76      0.003    0.003    1.509    1.461
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S       THC       CH4
++  ++  ++  ++     +-----------------------------------+

 0  31   7  76   99.000   99.000   99.000   99.000

 1  31   7  76   99.000   99.000   99.000   99.000

 2  31   7  76   99.000   99.000   99.000   99.000

 3  31   7  76   99.000   99.000   99.000   99.000

 4  31   7  76   99.000   99.000   99.000   99.000

 5  31   7  76   99.000   99.000   99.000   99.000

 6  31   7  76   99.000   99.000   99.000   99.000

 7  31   7  76   99.000   99.000   99.000   99.000

 8  31   7  76   99.000   99.000   99.000   99.000

 9  31   7  76   99.000   99.000   99.000   99.000

10  31   7  76   99.000   99.000   99.000   99.000

11  31   7  76   99.000   99.000   99.000   99.000

12  31   7  76   99.000   99.000   99.000   99.000

13  31   7  76   99.000   99.000   99.000   99.000

14  31   7  76   99.000   99.000   99.000   99.000

15  31   7  76    0.002    0.002    1.424    1.405

16  31   7  76    0.002    0.003    1.420    1.403

17  31   7  76    0.002    0.003    1.426    1.416

18  31   7  76    0.002    0.003    1.427    1.419

19  31   7  76    0.002    0.003    1.462    1.413

20  31   7  76    0.002    0.004    1.459    1.403

21  31   7  76    0.002    0.003    1.470    1.438

22  31   7  76    0.002    0.003    1.472    1.452

23  31   7  76    0.002    0.003    1.472    1.446
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                  AIR QUALITY DATA
HR DY MO YR        SO2     H2S      THC      CH4
++ ++ ++ ++       +--------------------------------+

 0  1  8 76       0.002   0.003    1.469    1.451

 1  1  8 76       0.002   0.003    1.458    1.442

 2  1  8 76       0.002   0.003    1.460    1.439

 3  1  8 76       0.002   0.003    1.458    1.440

 4  1  8 76       0.002   0.003    1.461    1.446

 5  1  8 76       0.002   0.003    1.459    1.437

 6  1  8 76       0.002   0.003    1.455    1.436

 7  1  8 76       0.002   0.003    1.464    1.445

 8  1  8 76       0.002   0.003    1.468    1.447

 9  1  8 76       0.002   0.003    1.464    1.448

10  1  8 76       0.002   0.003    1.460    1.439

11  1  8 76       0.002   0.003    1.461    1.432

12  1  8 76       0.002   0.003    1.445    1.423

13  1  8 76       0.002   0.003    1.428    1.406

14  1  8 76       0.002   0.003    1.425    1.405

15  1  8 76       0.002   0.003    1.420    1.410

16  1  8 76       0.002   0.003    1.424    1.421

17  1  8 76       0.002   0.003    1.415    1.405

18  1  8 76       0.002   0.003    1.418    1.402

19  1  8 76       0.002   0.003    1.423    1.410

20  1  8 76       0.002   0.003    1.435    1.420

21  1  8 76       0.002   0.003    1.448    1.422

22  1  8 76       0.002   0.003    1.451    1.418

23  1  8 76       0.002   0.003    1.441    1.413
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                         AIR QUALITY DATA
HR  DY  MO  YR           SO2      H2S      THC      CH4
++  ++  ++  ++       +------------------------------------+

 0   2   8  76       0.002    0.003    1.437    1.417

 1   2   8  76       0.002    0.003    1.424    1.408

 2   2   8  76       0.002    0.003    1.425    1.408

 3   2   8  76       0.002    0.003    1.425    1.410

 4   2   8  76       0.002    0.003    1.424    1.414

 5   2   8  76       0.002    0.003    1.426    1.424

 6   2   8  76       0.002    0.003    1.431    1.417

 7   2   8  76       0.002    0.003    1.430    1.420

 8   2   8  76       0.002    0.003    1.423    1.415

 9   2   8  76       0.002    0.003    1.436    1.423

10   2   8  76       0.002    0.003    1.464    1.452

11   2   8  76       0.002    0.003    1.448    1.439

12   2   8  76       0.002    0.003    1.413    1.408

13   2   8  76       0.002    0.003    1.400    1.398

14   2   8  76       0.002    0.003    1.402    1.396

15   2   8  76       0.002    0.003    1.408    1.404

16   2   8  76       0.002    0.003    1.414    1.403

17   2   8  76       0.002    0.003    1.412    1.399

18   2   8  76       0.002    0.003    1.406    1.395

19   2   8  76       0.002    0.003    1.404    1.397

20   2   8  76       0.002    0.003    1.402    1.393

21   2   8  76       0.002    0.003    1.429    1.416

22   2   8  76       0.002    0.003    1.437    1.427

23   2   8  76       0.002    0.003    1.441    1.427
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
**  **  **  **       +---------------------------------+

 0   3   8  76      0.002    0.003    1.448    1.426

 1   3   8  76      0.002    0.003    1.470    1.441

 2   3   8  76      0.002    0.003    1.481    1.444

 3   3   8  76      0.002    0.003    1.484    1.444

 4   3   8  76      0.002    0.003    1.490    1.463

 5   3   8  76      0.002    0.003    1.477    1.441

 6   3   8  76      0.002    0.003    1.471    1.438

 7   3   8  76      0.002    0.003    1.497    1.466

 8   3   8  76      0.002    0.002    1.518    1.478

 9   3   8  76      0.002    0.003    1.497    1.467

10   3   8  76      0.002    0.002    1.476    1.451

11   3   8  76      0.002    0.002    1.418    1.405

12   3   8  76      0.002    0.002    1.407    1.397

13   3   8  76      0.002    0.002    1.407    1.393

14   3   8  76      0.002    0.002    1.407    1.390

15   3   8  76      0.002    0.002    1.403    1.390

16   3   8  76      0.002    0.002    1.409    1.388

17   3   8  76      0.002    0.002    1.427    1.406

18   3   8  76      0.002    0.002    1.439    1.411

19   3   8  76      0.002    0.002    1.447    1.413

20   3   8  76      0.002    0.003    1.443    1.411

21   3   8  76      0.002    0.002    1.452    1.423

22   3   8  76      0.002    0.003    1.455    1.429

23   3   8  76      0.002    0.003    1.471    1.435
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +-------------------------------------+

 0  4  8 76        0.002    0.002    1.462    1.431

 1  4  8 76        0.002    0.003    1.471    1.435

 2  4  8 76        0.002    0.003    1.466    1.431

 3  4  8 76        0.002    0.003    1.463    1.425

 4  4  8 76        0.002    0.003    1.460    1.421

 5  4  8 76        0.002    0.003    1.454    1.422

 6  4  8 76        0.002    0.003    1.459    1.425

 7  4  8 76        0.002    0.003    1.468    1.440

 8  4  8 76        0.002    0.003    1.468    1.438

 9  4  8 76        0.002    0.003    1.442    1.415

10  4  8 76        0.002    0.003    1.433    1.409

11  4  8 76        0.002    0.003    1.435    1.404

12  4  8 76        0.002    0.003    1.429    1.409

13  4  8 76        0.002    0.003    1.437    1.405

14  4  8 76        0.002    0.003    1.429    1.401

15  4  8 76        0.002    0.003    1.434    1.403

16  4  8 76        0.002    0.003    1.432    1.406

17  4  8 76        0.002    0.002    1.436    1.406

18  4  8 76        0.002    0.003    1.434    1.404

19  4  8 76        0.002    0.003    1.435    1.405

20  4  8 76        0.002    0.003    1.442    1.413

21  4  8 76        0.002    0.003    1.468    1.432

22  4  8 76        0.002    0.003    1.482    1.438

23  4  8 76        0.002    0.003    1.487    1.439
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR  DY  MO  YR       SO2      H2S      THC      CH4
++  ++  ++  ++     +-------------------------------------+

 0   5   8  76    0.002    0.003    1.507    1.454

 1   5   8  76    0.002    0.003    1.473    1.443

 2   5   8  76    0.002    0.003    1.443    1.424

 3   5   8  76    0.002    0.003    1.436    1.417

 4   5   8  76    0.002    0.003    1.441    1.427

 5   5   8  76    0.002    0.003    1.448    1.433

 6   5   8  76    0.002    0.003    1.450    1.432

 7   5   8  76    0.002    0.003    1.454    1.439

 8   5   8  76    0.002    0.003    1.477    1.461

 9   5   8  76    0.002    0.003    1.475    1.459

10   5   8  76    0.002    0.003    1.460    1.440

11   5   8  76    0.002    0.003    1.485    1.461

12   5   8  76    0.002    0.003    1.442    1.436

13   5   8  76    0.002    0.003    1.434    1.422

14   5   8  76    0.002    0.003    1.427    1.419

15   5   8  76    0.002    0.003    1.427    1.417

16   5   8  76    0.002    0.003    1.428    1.417

17   5   8  76    0.002    0.003    1.432    1.416

18   5   8  76    0.002    0.003    1.430    1.420

19   5   8  76    0.002    0.003    1.441    1.426

20   5   8  76    0.002    0.003    1.444    1.441

21   5   8  76    0.003    0.003    1.472    1.459

22   5   8  76    0.002    0.003    1.483    1.461

23   5   8  76    0.002    0.003    1.506    1.478
```

```
            RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                            AIR QUALITY DATA
 HR  DY  MO  YR              SO2      H2S      THC      CH4
 ++  ++  ++  ++         +------------------------------------+

  0   6   8  76        0.002    0.003    1.699    1.485

  1   6   8  76        0.002    0.003    1.546    1.484

  2   6   8  76        0.002    0.003    1.530    1.479

  3   6   8  76        0.002    0.003    1.532    1.485

  4   6   8  76        0.002    0.003    1.532    1.475

  5   6   8  76        0.002    0.003    1.526    1.480

  6   6   8  76        0.002    0.003    1.512    1.477

  7   6   8  76        0.002    0.003    1.523    1.481

  8   6   8  76        0.002    0.003    1.530    1.485

  9   6   8  76        0.002    0.003    1.519    1.475

 10   6   8  76        0.002    0.003    1.498    1.460

 11   6   8  76        0.002    0.003    1.497    1.457

 12   6   8  76        0.002    0.002    1.479    1.443

 13   6   8  76        0.002    0.002    1.466    1.435

 14   6   8  76        0.002    0.002    1.459    1.427

 15   6   8  76        0.002    0.002    1.457    1.425

 16   6   8  76        0.002    0.002    1.451    1.417

 17   6   8  76        0.002    0.002    1.445    1.411

 18   6   8  76        0.002    0.002    1.437    1.405

 19   6   8  76        0.002    0.002    1.446    1.412

 20   6   8  76        0.002    0.003    1.455    1.422

 21   6   8  76        0.002    0.003    1.476    1.438

 22   6   8  76        0.002    0.003    1.487    1.439

 23   6   8  76        0.002    0.003    1.498    1.444
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	7	8	76	0.002	0.003	1.506	1.449
1	7	8	76	0.002	0.003	1.502	1.445
2	7	8	76	0.002	0.003	1.488	1.437
3	7	8	76	0.002	0.003	1.484	1.432
4	7	8	76	0.002	0.003	1.487	1.438
5	7	8	76	0.002	0.003	1.492	1.436
6	7	8	76	0.002	0.003	1.497	1.443
7	7	8	76	0.002	0.003	1.517	1.461
8	7	8	76	0.002	0.003	1.563	1.493
9	7	8	76	0.002	0.003	1.518	1.456
10	7	8	76	0.002	0.003	99.000	99.000
11	7	8	76	0.002	0.003	99.000	99.000
12	7	8	76	0.002	0.002	1.361	1.341
13	7	8	76	0.002	0.002	1.365	1.345
14	7	8	76	0.002	0.002	1.359	1.342
15	7	8	76	0.002	0.002	1.355	1.338
16	7	8	76	0.002	0.002	1.349	1.335
17	7	8	76	0.002	0.002	1.346	1.333
18	7	8	76	0.002	0.003	1.361	1.349
19	7	8	76	0.002	0.003	1.380	1.362
20	7	8	76	0.002	0.003	1.382	1.365
21	7	8	76	0.002	0.003	1.382	1.365
22	7	8	76	0.002	0.003	1.381	1.366
23	7	8	76	0.002	0.003	1.387	1.372

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                     AIR QUALITY DATA
HR  DY  MO  YR      SO2     H2S      THC      CH4
++  ++  ++  ++     +------------------------------+

 0   8   8  76    0.003   0.003    1.404    1.389

 1   8   8  76    0.003   0.003    1.402    1.378

 2   8   8  76    0.003   0.003    1.402    1.375

 3   8   8  76    0.003   0.003    1.407    1.380

 4   8   8  76    0.003   0.003    1.403    1.387

 5   8   8  76    0.003   0.003    1.408    1.372

 6   8   8  76    0.003   0.004    1.412    1.381

 7   8   8  76    0.003   0.003    1.423    1.395

 8   8   8  76    0.003   0.003    1.430    1.395

 9   8   8  76    0.003   0.003    1.420    1.379

10   8   8  76    0.003   0.003    1.399    1.366

11   8   8  76    0.003   0.003    1.384    1.355

12   8   8  76    0.003   0.003    1.375    1.349

13   8   8  76    0.003   0.003    1.368    1.348

14   8   8  76    0.003   0.003    1.345    1.332

15   8   8  76    0.003   0.003    1.341    1.333

16   8   8  76    0.003   0.003    1.347    1.340

17   8   8  76    0.003   0.003    1.356    1.347

18   8   8  76    0.003   0.003    1.361    1.353

19   8   8  76    0.003   0.003    1.379    1.368

20   8   8  76    0.003   0.003    1.375    1.363

21   8   8  76    0.003   0.003    1.386    1.374

22   8   8  76    0.003   0.003    1.380    1.372

23   8   8  76    0.003   0.003    1.374    1.366
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2     H2S      THC      CH4
** ** ** **        +--------------------------------------+

 0  9  8 76       0.003    0.003    1.438    1.365

 1  9  8 76       0.003    0.003    1.423    1.373

 2  9  8 76       0.002    0.003    1.383    1.373

 3  9  8 76       0.002    0.003    1.370    1.362

 4  9  8 76       0.002    0.003    1.367    1.355

 5  9  8 76       0.002    0.003    1.365    1.360

 6  9  8 76       0.002    0.003    1.369    1.355

 7  9  8 76       0.002    0.003    1.377    1.371

 8  9  8 76       0.002    0.003    1.377    1.371

 9  9  8 76       0.002    0.003    1.351    1.352

10  9  8 76       0.002    0.003    1.358    1.351

11  9  8 76       0.002    0.003    1.361    1.348

12  9  8 76       0.002    0.003    1.359    1.355

13  9  8 76       0.002    0.003    1.359    1.357

14  9  8 76       0.002    0.003    1.351    1.353

15  9  8 76       0.002    0.003    1.369    1.364

16  9  8 76       0.002    0.003    1.373    1.364

17  9  8 76       0.002    0.003    1.371    1.362

18  9  8 76       0.002    0.003    1.369    1.363

19  9  8 76       0.002    0.003    1.360    1.372

20  9  8 76       0.002    0.003    1.362    1.379

21  9  8 76       0.002    0.003    1.392    1.434

22  9  8 76       0.002    0.003    1.406    1.413

23  9  8 76       0.002    0.003    1.392    1.405
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++     +---------------------------------+

 0 10  8 76     0.002    0.003    1.405    1.409

 1 10  8 76     0.002    0.003    1.414    1.417

 2 10  8 76     0.002    0.003    1.422    1.422

 3 10  8 76     0.002    0.003    1.415    1.416

 4 10  8 76     0.002    0.003    1.416    1.411

 5 10  8 76     0.002    0.003    1.417    1.405

 6 10  8 76     0.002    0.003    1.433    1.416

 7 10  8 76     0.002    0.003    1.449    1.426

 8 10  8 76     0.002    0.003    1.443    1.422

 9 10  8 76     0.002    0.003    1.415    1.407

10 10  8 76     0.002    0.003    1.387    1.392

11 10  8 76     0.002    0.002    1.387    1.389

12 10  8 76     0.002    0.003    1.389    1.384

13 10  8 76     0.002    0.003    1.395    1.389

14 10  8 76     0.002    0.003    1.377    1.376

15 10  8 76     0.002    0.003    1.369    1.369

16 10  8 76     0.002    0.003    1.368    1.365

17 10  8 76     0.002    0.003    1.380    1.375

18 10  8 76     0.002    0.003    1.398    1.387

19 10  8 76     0.002    0.003    1.394    1.385

20 10  8 76     0.002    0.003    1.392    1.387

21 10  8 76     0.002    0.003    1.387    1.382

22 10  8 76     0.002    0.003    1.389    1.386

23 10  8 76     0.002    0.003    1.395    1.390
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                  AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
** ** ** **      +------------------------------------+

 0 11  8 76      0.003    0.003    1.395    1.387

 1 11  8 76      0.003    0.003    1.385    1.383

 2 11  8 76      0.003    0.003    1.397    1.396

 3 11  8 76      0.003    0.003    1.412    1.417

 4 11  8 76      0.003    0.003    1.421    1.407

 5 11  8 76      0.003    0.003    1.418    1.399

 6 11  8 76      0.003    0.003    1.413    1.402

 7 11  8 76      0.003    0.003    1.419    1.402

 8 11  8 76      0.003    0.003    1.411    1.397

 9 11  8 76      0.003    0.003    1.395    1.387

10 11  8 76      0.003    0.003   99.000   99.000

11 11  8 76      0.002    0.003   99.000   99.000

12 11  8 76      0.002    0.003    1.370    1.330

13 11  8 76      0.002    0.003    1.394    1.343

14 11  8 76      0.002    0.005    1.436    1.316

15 11  8 76      0.002    0.003    1.336    1.339

16 11  8 76      0.003    0.003    1.366    1.331

17 11  8 76      0.003    0.003    1.366    1.283

18 11  8 76      0.003    0.003    1.364    1.334

19 11  8 76      0.003    0.003    1.368    1.339

20 11  8 76      0.003    0.003    1.368    1.339

21 11  8 76      0.003    0.003    1.368    1.339

22 11  8 76      0.003    0.003    1.368    1.339

23 11  8 76      0.003    0.003    1.368    1.339
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 12  8 76     0.003    0.003    1.368    1.339

 1 12  8 76     0.003    0.003    1.368    1.339

 2 12  8 76     0.003    0.003    1.368    1.339

 3 12  8 76     0.003    0.003    1.368    1.339

 4 12  8 76     0.003    0.003    1.368    1.339

 5 12  8 76     0.003    0.003    1.368    1.339

 6 12  8 76     0.003    0.003    1.368    1.339

 7 12  8 76     0.003    0.003    1.368    1.339

 8 12  8 76     0.003    0.003    1.368    1.339

 9 12  8 76     0.003    0.003    1.368    1.339

10 12  8 76     0.003    0.003    1.368    1.339

11 12  8 76     0.003    0.003    1.368    1.339

12 12  8 76     0.003    0.003    1.368    1.339

13 12  8 76     0.003    0.003    1.368    1.339

14 12  8 76     0.003    0.003    1.368    1.339

15 12  8 76     0.003    0.003    1.368    1.339

16 12  8 76     0.003    0.003    1.368    1.339

17 12  8 76     0.003    0.003    1.368    1.339

18 12  8 76     0.003    0.003    1.368    1.339

19 12  8 76     0.003    0.003    1.368    1.339

20 12  8 76     0.003    0.003    1.368    1.339

21 12  8 76     0.003    0.003    1.368    1.339

22 12  8 76     0.003    0.003    1.368    1.339

23 12  8 76     0.003    0.003    1.368    1.339
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
** ** ** **        +----------------------------------+

 0 13  8 76       0.003    0.003    1.368    1.339
 1 13  8 76       0.003    0.003    1.368    1.339
 2 13  8 76       0.003    0.003    1.368    1.339
 3 13  8 76       0.003    0.003    1.368    1.339
 4 13  8 76       0.003    0.003    1.368    1.339
 5 13  8 76       0.003    0.003    1.368    1.339
 6 13  8 76       0.003    0.003    1.368    1.339
 7 13  8 76       0.003    0.003    1.368    1.339
 8 13  8 76       0.003    0.003    1.368    1.339
 9 13  8 76       0.003    0.003    1.368    1.339
10 13  8 76       0.002    0.005    1.349    1.316
11 13  8 76       0.002    0.003    1.403    1.345
12 13  8 76       0.002    0.003    1.408    1.338
13 13  8 76       0.002    0.003    1.397    1.324
14 13  8 76       0.002    0.003    1.397    1.323
15 13  8 76       0.002    0.003    1.386    1.321
16 13  8 76       0.002    0.003    1.383    1.315
17 13  8 76       0.002    0.003    1.381    1.319
18 13  8 76       0.002    0.003    1.385    1.316
19 13  8 76       0.002    0.003    1.388    1.315
20 13  8 76       0.002    0.003    1.402    1.322
21 13  8 76       0.002    0.003    1.428    1.339
22 13  8 76       0.002    0.003    1.439    1.341
23 13  8 76       0.002    0.003    1.445    1.345
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR      SO2     H2S     THC     CH4
++ ++ ++ ++     +-----------------------------+

 0 14  8 76   0.002   0.003   1.449   1.349

 1 14  8 76   0.003   0.003   1.431   1.343

 2 14  8 76   0.003   0.003   1.409   1.332

 3 14  8 76   0.003   0.003   1.404   1.332

 4 14  8 76   0.003   0.003   1.415   1.334

 5 14  8 76   0.003   0.003   1.406   1.332

 6 14  8 76   0.003   0.003   1.405   1.334

 7 14  8 76   0.003   0.003   1.416   1.342

 8 14  8 76   0.003   0.003   1.408   1.340

 9 14  8 76   0.003   0.003   1.409   1.346

10 14  8 76   0.002   0.003   1.391   1.333

11 14  8 76   0.002   0.003   1.371   1.319

12 14  8 76   0.002   0.003   1.370   1.317

13 14  8 76   0.002   0.003   1.366   1.317

14 14  8 76   0.002   0.003   1.372   1.317

15 14  8 76   0.002   0.003   1.371   1.317

16 14  8 76   0.002   0.003   1.371   1.315

17 14  8 76   0.002   0.003   1.362   1.309

18 14  8 76   0.002   0.003   1.359   1.308

19 14  8 76   0.002   0.003   1.359   1.312

20 14  8 76   0.002   0.003   1.388   1.331

21 14  8 76   0.002   0.003   1.404   1.347

22 14  8 76   0.002   0.003   1.388   1.336

23 14  8 76   0.002   0.003   1.404   1.345
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-----------------------------------+

 0 15  8 76        0.002    0.003    1.391    1.340

 1 15  8 76        0.002    0.003    1.389    1.342

 2 15  8 76        0.002    0.003    1.376    1.330

 3 15  8 76        0.002    0.002    1.362    1.314

 4 15  8 76        0.002    0.002    1.367    1.314

 5 15  8 76        0.002    0.002    1.371    1.321

 6 15  8 76        0.002    0.003    1.394    1.339

 7 15  8 76        0.002    0.002    1.394    1.341

 8 15  8 76        0.002    0.002    1.393    1.338

 9 15  8 76        0.002    0.002    1.372    1.321

10 15  8 76        0.002    0.002    1.362    1.312

11 15  8 76        0.002    0.002    1.361    1.311

12 15  8 76        0.002    0.002    1.356    1.307

13 15  8 76        0.002    0.002    1.356    1.306

14 15  8 76        0.002    0.002    1.357    1.306

15 15  8 76        0.002    0.002    1.354    1.305

16 15  8 76        0.002    0.002    1.347    1.301

17 15  8 76        0.002    0.002    1.360    1.312

18 15  8 76        0.002    0.002    1.376    1.323

19 15  8 76        0.002    0.002    1.382    1.324

20 15  8 76        0.002    0.003    1.392    1.329

21 15  8 76        0.002    0.002    1.411    1.345

22 15  8 76        0.002    0.003    1.419    1.350

23 15  8 76        0.002    0.002    1.416    1.347
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR       SO2     H2S     THC     CH4
++ ++ ++ ++     +--------------------------------+

 0 16  8 76    0.002   0.003   1.428   1.355

 1 16  8 76    0.002   0.003   1.398   1.346

 2 16  8 76    0.002   0.002   1.393   1.346

 3 16  8 76    0.002   0.002   1.400   1.352

 4 16  8 76    0.002   0.002   1.406   1.358

 5 16  8 76    0.002   0.002   1.407   1.354

 6 16  8 76    0.002   0.002   1.418   1.362

 7 16  8 76    0.002   0.002   1.414   1.361

 8 16  8 76    0.002   0.002   1.418   1.361

 9 16  8 76    0.002   0.003   1.405   1.353

10 16  8 76    0.002   0.002   1.396   1.345

11 16  8 76    0.002   0.002   1.388   1.339

12 16  8 76    0.002   0.003   1.387   1.338

13 16  8 76    0.002   0.003   1.385   1.334

14 16  8 76    0.002   0.003   1.377   1.330

15 16  8 76    0.002   0.003   1.367   1.321

16 16  8 76    0.002   0.003   1.366   1.319

17 16  8 76    0.002   0.003   1.370   1.317

18 16  8 76    0.002   0.003   1.376   1.320

19 16  8 76    0.002   0.003   1.370   1.319

20 16  8 76    0.002   0.003   1.381   1.329

21 16  8 76    0.002   0.003   1.383   1.343

22 16  8 76    0.002   0.003   1.384   1.343

23 16  8 76    0.002   0.003   1.383   1.345
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR            SO2     H2S      THC      CH4
** ** ** **          +--------------------------------+

 0 17  8 76          0.002    0.003    1.389    1.345

 1 17  8 76          0.003    0.003    1.374    1.331

 2 17  8 76          0.003    0.003    1.367    1.324

 3 17  8 76          0.003    0.003    1.355    1.312

 4 17  8 76          0.003    0.003    1.358    1.312

 5 17  8 76          0.003    0.003    1.381    1.330

 6 17  8 76          0.003    0.003    1.410    1.346

 7 17  8 76          0.003    0.003    1.395    1.339

 8 17  8 76          0.003    0.003    1.395    1.340

 9 17  8 76          0.003    0.003    1.412    1.345

10 17  8 76          0.003    0.003    1.388    1.330

11 17  8 76          0.003    0.003    1.383    1.323

12 17  8 76          0.002    0.003    1.383    1.322

13 17  8 76          0.002    0.003    1.377    1.316

14 17  8 76          0.002    0.003    1.363    1.310

15 17  8 76          0.002    0.003    1.359    1.307

16 17  8 76          0.002    0.003    1.373    1.315

17 17  8 76          0.002    0.003    1.376    1.317

18 17  8 76          0.003    0.003    1.379    1.318

19 17  8 76          0.003    0.003    1.375    1.317

20 17  8 76          0.003    0.003    1.382    1.324

21 17  8 76          0.003    0.003    1.383    1.330

22 17  8 76          0.003    0.003    1.398    1.336

23 17  8 76          0.003    0.003    1.395    1.336
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                   AIR QUALITY DATA
HR DY MO YR     SO2      H2S      THC      CH4
++ ++ ++ ++   +--------------------------------+

 0 18  8 76   0.003    0.003    1.391    1.337

 1 18  8 76   0.002    0.003    1.391    1.339

 2 18  8 76   0.002    0.003    1.394    1.338

 3 18  8 76   0.002    0.003    1.389    1.335

 4 18  8 76   0.002    0.003    1.388    1.336

 5 18  8 76   0.002    0.003    1.394    1.339

 6 18  8 76   0.002    0.003    1.394    1.334

 7 18  8 76   0.002    0.003    1.396    1.340

 8 18  8 76   0.002    0.003    1.392    1.336

 9 18  8 76   0.002    0.003    1.371    1.322

10 18  8 76   0.002    0.003    1.354    1.310

11 18  8 76   0.002    0.003   99.000   99.000

12 18  8 76   0.002    0.003   99.000   99.000

13 18  8 76   0.002    0.003    1.391    1.369

14 18  8 76   0.002    0.003    1.393    1.380

15 18  8 76   0.002    0.003    1.384    1.370

16 18  8 76   0.002    0.003    1.383    1.365

17 18  8 76   0.002    0.003    1.388    1.373

18 18  8 76   0.002    0.003    1.401    1.385

19 18  8 76   0.002    0.003    1.412    1.394

20 18  8 76   0.002    0.003    1.424    1.402

21 18  8 76   0.002    0.003    1.442    1.417

22 18  8 76   0.002    0.003    1.459    1.426

23 18  8 76   0.002    0.003    1.467    1.434
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR          SO2     H2S     THC     CH4
++ ++ ++ ++        +------------------------------------+

 0 19  8 76       0.002   0.003   1.463   1.430

 1 19  8 76       0.002   0.003   1.465   1.430

 2 19  8 76       0.002   0.003   1.469   1.430

 3 19  8 76       0.002   0.003   1.469   1.429

 4 19  8 76       0.002   0.003   1.465   1.429

 5 19  8 76       0.002   0.003   1.472   1.434

 6 19  8 76       0.002   0.003   1.484   1.442

 7 19  8 76       0.002   0.003   1.488   1.442

 8 19  8 76       0.002   0.003   1.485   1.437

 9 19  8 76       0.002   0.003   1.473   1.423

10 19  8 76       0.002   0.003   1.466   1.413

11 19  8 76       0.002   0.003   1.459   1.407

12 19  8 76       0.002   0.003   1.443   1.397

13 19  8 76       0.002   0.003   1.423   1.386

14 19  8 76       0.002   0.003   1.423   1.385

15 19  8 76       0.002   0.003   1.429   1.383

16 19  8 76       0.002   0.003   1.415   1.375

17 19  8 76       0.002   0.003   1.409   1.373

18 19  8 76       0.002   0.003   1.412   1.375

19 19  8 76       0.002   0.003   1.427   1.386

20 19  8 76       0.002   0.003   1.456   1.408

21 19  8 76       0.002   0.003   1.466   1.414

22 19  8 76       0.002   0.003   1.469   1.420

23 19  8 76       0.002   0.003   1.456   1.421
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR     SO2      H2S      THC      CH4
++ ++ ++ ++     +--------------------------------+

 0 20  8 76    0.002    0.003    1.450    1.423

 1 20  8 76    0.003    0.003    1.448    1.424

 2 20  8 76    0.003    0.003    1.452    1.424

 3 20  8 76    0.003    0.003    1.456    1.422

 4 20  8 76    0.003    0.003    1.456    1.422

 5 20  8 76    0.003    0.003    1.457    1.422

 6 20  8 76    0.003    0.003    1.473    1.434

 7 20  8 76    0.003    0.003    1.478    1.441

 8 20  8 76    0.003    0.003    1.466    1.433

 9 20  8 76    0.003    0.003    1.456    1.425

10 20  8 76    0.003    0.003    1.448    1.420

11 20  8 76    0.002    0.003    1.431    1.409

12 20  8 76    0.002    0.003    1.422    1.398

13 20  8 76    0.002    0.003    1.430    1.401

14 20  8 76    0.003    0.003    1.448    1.411

15 20  8 76    0.003    0.003    1.464    1.417

16 20  8 76    0.003    0.003    1.455    1.406

17 20  8 76    0.003    0.003    1.447    1.397

18 20  8 76    0.002    0.003    1.429    1.395

19 20  8 76    0.003    0.003    1.422    1.391

20 20  8 76    0.003    0.003    1.422    1.398

21 20  8 76    0.003    0.003    1.430    1.409

22 20  8 76    0.003    0.003    1.449    1.417

23 20  8 76    0.003    0.003    1.440    1.416
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                        AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
** ** ** **       +-----------------------------------+

 0 21  8 76       0.002    0.003    1.465    1.431

 1 21  8 76       0.002    0.003    1.489    1.442

 2 21  8 76       0.002    0.003    1.484    1.432

 3 21  8 76       0.002    0.003    1.490    1.434

 4 21  8 76       0.002    0.003    1.486    1.429

 5 21  8 76       0.002    0.003    1.469    1.424

 6 21  8 76       0.002    0.003    1.465    1.425

 7 21  8 76       0.002    0.003    1.459    1.424

 8 21  8 76       0.002    0.003    1.472    1.433

 9 21  8 76       0.002    0.003    1.469    1.422

10 21  8 76       0.002    0.003    1.436    1.405

11 21  8 76       0.002    0.003    1.432    1.402

12 21  8 76       0.002    0.003    1.413    1.393

13 21  8 76       0.002    0.003    1.417    1.398

14 21  8 76       0.002    0.003    1.416    1.399

15 21  8 76       0.002    0.003    1.416    1.396

16 21  8 76       0.002    0.002    1.420    1.397

17 21  8 76       0.002    0.003    1.432    1.401

18 21  8 76       0.002    0.003    1.434    1.409

19 21  8 76       0.002    0.003    1.417    1.397

20 21  8 76       0.002    0.003    1.425    1.403

21 21  8 76       0.002    0.003    1.454    1.423

22 21  8 76       0.002    0.003    1.475    1.435

23 21  8 76       0.002    0.003    1.471    1.433
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	22	8	76	0.002	0.003	1.468	1.431
1	22	8	76	0.002	0.003	1.467	1.432
2	22	8	76	0.002	0.003	1.472	1.432
3	22	8	76	0.002	0.003	1.487	1.439
4	22	8	76	0.003	0.003	1.482	1.431
5	22	8	76	0.010	0.011	1.462	1.425
6	22	8	76	0.013	0.013	1.462	1.426
7	22	8	76	0.004	0.004	1.454	1.426
8	22	8	76	0.002	0.003	1.447	1.428
9	22	8	76	0.002	0.003	1.438	1.423
10	22	8	76	0.002	0.003	1.432	1.420
11	22	8	76	0.021	0.021	1.408	1.395
12	22	8	76	0.030	0.029	1.400	1.384
13	22	8	76	0.019	0.017	1.404	1.386
14	22	8	76	0.004	0.004	1.409	1.393
15	22	8	76	0.002	0.003	1.425	1.399
16	22	8	76	0.002	0.003	1.429	1.407
17	22	8	76	0.002	0.003	1.439	1.418
18	22	8	76	0.002	0.003	1.431	1.418
19	22	8	76	0.002	0.003	1.414	1.412
20	22	8	76	0.002	0.003	1.413	1.411
21	22	8	76	0.002	0.003	1.425	1.417
22	22	8	76	0.006	0.006	1.437	1.420
23	22	8	76	0.003	0.004	1.454	1.422

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	23	8	76	0.003	0.004	1.457	1.419
1	23	8	76	0.007	0.007	1.464	1.426
2	23	8	76	0.005	0.005	1.463	1.425
3	23	8	76	0.006	0.006	1.458	1.425
4	23	8	76	0.006	0.007	1.438	1.420
5	23	8	76	0.004	0.004	1.432	1.418
6	23	8	76	0.008	0.008	1.435	1.422
7	23	8	76	0.005	0.005	1.448	1.432
8	23	8	76	0.003	0.004	1.443	1.429
9	23	8	76	0.003	0.003	1.415	1.406
10	23	8	76	0.003	0.003	1.414	1.399
11	23	8	76	0.020	0.008	1.436	1.330
12	23	8	76	0.007	0.005	1.444	1.388
13	23	8	76	0.013	0.013	1.435	1.390
14	23	8	76	0.013	0.011	1.432	1.391
15	23	8	76	0.031	0.031	1.423	1.379
16	23	8	76	0.036	0.035	1.416	1.374
17	23	8	76	0.042	0.041	1.395	1.365
18	23	8	76	0.029	0.029	1.390	1.371
19	23	8	76	0.032	0.032	1.412	1.387
20	23	8	76	0.007	0.008	1.432	1.411
21	23	8	76	0.003	0.004	1.478	1.438
22	23	8	76	0.003	0.003	1.493	1.450
23	23	8	76	0.007	0.008	1.504	1.455

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                   AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +-------------------------------+

 0 24  8 76     0.009    0.009    1.494    1.451

 1 24  8 76     0.013    0.014    1.493    1.451

 2 24  8 76     0.017    0.017    1.496    1.457

 3 24  8 76     0.027    0.027    1.496    1.458

 4 24  8 76     0.027    0.027    1.496    1.454

 5 24  8 76     0.032    0.032    1.497    1.455

 6 24  8 76     0.035    0.034    1.502    1.457

 7 24  8 76     0.021    0.020    1.507    1.457

 8 24  8 76     0.005    0.005    1.513    1.457

 9 24  8 76     0.003    0.003    1.510    1.448

10 24  8 76     0.003    0.003    1.483    1.433

11 24  8 76     0.007    0.006    1.446    1.417

12 24  8 76     0.024    0.023    1.424    1.411

13 24  8 76     0.033    0.033    1.415    1.401

14 24  8 76     0.035    0.034    1.406    1.397

15 24  8 76     0.039    0.038    1.405    1.395

16 24  8 76     0.046    0.045    1.409    1.390

17 24  8 76     0.044    0.044    1.408    1.386

18 24  8 76     0.035    0.034    1.409    1.388

19 24  8 76     0.013    0.013    1.410    1.394

20 24  8 76     0.004    0.004    1.440    1.415

21 24  8 76     0.002    0.003    1.489    1.453

22 24  8 76     0.002    0.003    1.487    1.449

23 24  8 76     0.002    0.003    1.466    1.441
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR  DY  MO  YR          SO2       H2S       THC       CH4
++  ++  ++  ++        +------------------------------------+

 0  25   8  76        0.005     0.006     1.459     1.438

 1  25   8  76        0.011     0.011     1.456     1.437

 2  25   8  76        0.026     0.025     1.478     1.455

 3  25   8  76        0.022     0.022     1.500     1.470

 4  25   8  76        0.024     0.023     1.509     1.474

 5  25   8  76        0.022     0.021     1.523     1.475

 6  25   8  76        0.022     0.022     1.534     1.480

 7  25   8  76        0.020     0.019     1.535     1.474

 8  25   8  76        0.004     0.005     1.526     1.466

 9  25   8  76        0.002     0.003     1.513     1.454

10  25   8  76        0.002     0.003     1.491     1.452

11  25   8  76        0.016     0.016     1.455     1.430

12  25   8  76        0.033     0.032     1.426     1.404

13  25   8  76        0.013     0.013     1.426     1.404

14  25   8  76        0.003     0.004     1.444     1.413

15  25   8  76        0.002     0.003     1.447     1.417

16  25   8  76        0.013     0.012     1.436     1.407

17  25   8  76        0.004     0.004     1.434     1.409

18  25   8  76        0.018     0.018     1.425     1.401

19  25   8  76        0.011     0.011     1.425     1.398

20  25   8  76        0.003     0.003     1.454     1.425

21  25   8  76        0.002     0.003     1.475     1.445

22  25   8  76        0.002     0.003     1.485     1.453

23  25   8  76        0.003     0.003     1.486     1.455
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                         AIR QUALITY DATA
HR  DY  MO  YR            SO2       H2S       THC       CH4
++  ++  ++  ++        +-------------------------------------+

 0  26   8  76       0.004     0.005     1.491     1.455

 1  26   8  76       0.003     0.004     1.485     1.447

 2  26   8  76       0.007     0.007     1.480     1.444

 3  26   8  76       0.009     0.009     1.485     1.443

 4  26   8  76       0.008     0.008     1.495     1.452

 5  26   8  76       0.006     0.006     1.485     1.449

 6  26   8  76       0.006     0.007     1.491     1.449

 7  26   8  76       0.004     0.005     1.489     1.450

 8  26   8  76       0.003     0.003     1.488     1.446

 9  26   8  76       0.003     0.003     1.431     1.441

10  26   8  76       0.002     0.003     1.455     1.419

11  26   8  76       0.008     0.008     1.443     1.403

12  26   8  76       0.004     0.004     1.463     1.410

13  26   8  76       0.003     0.003     1.475     1.419

14  26   8  76       0.002     0.003     1.457     1.412

15  26   8  76       0.002     0.003     1.410     1.338

16  26   8  76       0.005     0.005     1.393     1.379

17  26   8  76       0.014     0.014     1.392     1.377

18  26   8  76       0.004     0.004     1.412     1.401

19  26   8  76       0.003     0.003     1.441     1.429

20  26   8  76       0.002     0.003     1.454     1.441

21  26   8  76       0.002     0.003     1.461     1.447

22  26   8  76       0.002     0.003     1.454     1.437

23  26   8  76       0.002     0.003     1.453     1.433
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                      AIR QUALITY DATA
HR DY MO YR            SO2     H2S     THC     CH4
++ ++ ++ ++          +-------------------------------+

 0 27  8 76          0.002   0.003   1.465   1.443

 1 27  8 76          0.011   0.011   1.489   1.450

 2 27  8 76          0.009   0.008   1.493   1.450

 3 27  8 76          0.012   0.009   1.466   1.440

 4 27  8 76          0.027   0.026   1.455   1.436

 5 27  8 76          0.012   0.012   1.461   1.445

 6 27  8 76          0.012   0.011   1.474   1.451

 7 27  8 76          0.006   0.006   1.471   1.454

 8 27  8 76          0.003   0.003   1.482   1.461

 9 27  8 76          0.002   0.003   1.507   1.482

10 27  8 76          0.002   0.003   1.495   1.467

11 27  8 76          0.002   0.003   1.483   1.460

12 27  8 76          0.002   0.003   1.468   1.454

13 27  8 76          0.002   0.003   1.453   1.443

14 27  8 76          0.002   0.003   1.446   1.438

15 27  8 76          0.004   0.004   1.441   1.432

16 27  8 76          0.018   0.018   1.437   1.425

17 27  8 76          0.022   0.022   1.442   1.422

18 27  8 76          0.008   0.008   1.449   1.424

19 27  8 76          0.003   0.003   1.462   1.435

20 27  8 76          0.002   0.003   1.485   1.451

21 27  8 76          0.002   0.003   1.505   1.473

22 27  8 76          0.002   0.003   1.510   1.475

23 27  8 76          0.002   0.003   1.506   1.469
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                       AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------+

 0 28  8 76        0.003    0.003    1.511    1.472

 1 28  8 76        0.005    0.004    1.520    1.478

 2 28  8 76        0.002    0.003    1.538    1.490

 3 28  8 76        0.004    0.004    1.553    1.494

 4 28  8 76        0.003    0.003    1.545    1.491

 5 28  8 76        0.003    0.003    1.542    1.487

 6 28  8 76        0.003    0.003    1.532    1.481

 7 28  8 76        0.013    0.013    1.534    1.485

 8 28  8 76        0.003    0.004    1.544    1.492

 9 28  8 76        0.002    0.003    1.531    1.485

10 28  8 76        0.002    0.003    1.511    1.471

11 28  8 76        0.004    0.003    1.461    1.428

12 28  8 76        0.024    0.024   99.000   99.000

13 28  8 76        0.023    0.022    1.434    1.411

14 28  8 76        0.019    0.018    1.438    1.421

15 28  8 76        0.013    0.013    1.435    1.414

16 28  8 76        0.026    0.025    1.434    1.412

17 28  8 76        0.028    0.028    1.442    1.408

18 28  8 76        0.012    0.011    1.430    1.406

19 28  8 76        0.003    0.003    1.435    1.415

20 28  8 76        0.002    0.003    1.491    1.452

21 28  8 76        0.002    0.003    1.550    1.481

22 28  8 76        0.002    0.003    1.557    1.482

23 28  8 76        0.002    0.003    1.527    1.468
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR  DY  MO  YR        SO2       H2S       THC       CH4
**  **  **  **       +------------------------------------+

 0  29   8  76      0.002     0.003     1.495     1.456

 1  29   8  76      0.004     0.005     1.484     1.454

 2  29   8  76      0.004     0.004     1.501     1.469

 3  29   8  76      0.006     0.006     1.527     1.480

 4  29   8  76      0.003     0.004     1.519     1.474

 5  29   8  76      0.003     0.003     1.516     1.473

 6  29   8  76      0.003     0.003     1.514     1.471

 7  29   8  76      0.003     0.003     1.508     1.470

 8  29   8  76      0.003     0.003     1.499     1.469

 9  29   8  76      0.003     0.003     1.492     1.467

10  29   8  76      0.003     0.003     1.491     1.467

11  29   8  76      0.007     0.008     1.462     1.444

12  29   8  76      0.028     0.028     1.441     1.426

13  29   8  76      0.034     0.034     1.435     1.418

14  29   8  76      0.036     0.036     1.438     1.420

15  29   8  76      0.014     0.014     1.455     1.433

16  29   8  76      0.004     0.004     1.457     1.431

17  29   8  76      0.003     0.003     1.453     1.432

18  29   8  76      0.002     0.003     1.433     1.420

19  29   8  76      0.002     0.003     1.440     1.419

20  29   8  76      0.003     0.003     1.464     1.440

21  29   8  76      0.003     0.003     1.485     1.460

22  29   8  76      0.003     0.003     1.502     1.472

23  29   8  76      0.003     0.003     1.512     1.484
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S      THC      CH4
++  ++  ++  ++      +---------------------------------+

 0  30   8  76      0.002    0.003    1.510    1.485

 1  30   8  76      0.002    0.003    1.504    1.476

 2  30   8  76      0.002    0.003    1.495    1.467

 3  30   8  76      0.002    0.003    1.501    1.475

 4  30   8  76      0.002    0.003    1.508    1.483

 5  30   8  76      0.002    0.002    1.509    1.479

 6  30   8  76      0.003    0.004    1.508    1.474

 7  30   8  76      0.002    0.003    1.518    1.478

 8  30   8  76      0.002    0.003    1.530    1.476

 9  30   8  76      0.002    0.003    1.564    1.504

10  30   8  76      0.002    0.003    1.579    1.515

11  30   8  76      0.002    0.003    1.509    1.454

12  30   8  76      0.021    0.021    1.467    1.418

13  30   8  76      0.031    0.031    1.409    1.338

14  30   8  76      0.036    0.036    1.395    1.384

15  30   8  76      0.031    0.031    1.419    1.402

16  30   8  76      0.027    0.026    1.411    1.399

17  30   8  76      0.007    0.007    1.407    1.399

18  30   8  76      0.003    0.003    1.424    1.411

19  30   8  76      0.002    0.003    1.436    1.424

20  30   8  76      0.002    0.002    1.457    1.443

21  30   8  76      0.002    0.002    1.473    1.458

22  30   8  76      0.002    0.003    1.467    1.455

23  30   8  76      0.002    0.003    1.491    1.465
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +-----------------------------------+

 0 31  8 76   0.002    0.003    1.502    1.467

 1 31  8 76   0.002    0.003    1.503    1.469

 2 31  8 76   0.003    0.003    1.492    1.461

 3 31  8 76   0.002    0.003    1.481    1.452

 4 31  8 76   0.012    0.013    1.471    1.453

 5 31  8 76   0.011    0.012    1.464    1.449

 6 31  8 76   0.025    0.025    1.463    1.445

 7 31  8 76   0.009    0.009    1.468    1.449

 8 31  8 76   0.003    0.003    1.479    1.461

 9 31  8 76   0.002    0.003    1.473    1.458

10 31  8 76   0.002    0.003    1.467    1.449

11 31  8 76   0.002    0.002    1.466    1.445

12 31  8 76   0.003    0.004    1.445    1.426

13 31  8 76   0.004    0.004    1.434    1.415

14 31  8 76   0.014    0.013    1.425    1.409

15 31  8 76   0.004    0.004    1.419    1.406

16 31  8 76   0.014    0.012    1.421    1.405

17 31  8 76   0.004    0.004    1.432    1.413

18 31  8 76   0.002    0.003    1.441    1.417

19 31  8 76   0.002    0.003    1.459    1.424

20 31  8 76   0.002    0.003    1.477    1.439

21 31  8 76   0.002    0.003    1.484    1.444

22 31  8 76   0.002    0.003    1.503    1.460

23 31  8 76   0.003    0.003    1.498    1.461
```

SECTION A.2

COMPOSITE DAY (HOURLY) SUMMARIES

Section		Page
A.2.1	Composite Day Summaries for Site 1	A.2.1-1 to A.2.1-33
A.2.2	Composite Day Summaries for Site 2	A.2.2-1 to A.2.2-17
A.2.3	Composite Day Summaries for Site 3	A.2.3-1 to A.2.3-33
A.2.4	Composite Day Summaries for Site 4	A.2.4-1 to A.2.4-17

A.2.1

COMPOSITE DAY SUMMARIES FOR SITE 1
SUMMER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

```
                RBOSP    COMPOSITE DAY SUMMARY

        SULFUR DIOXIDE: SITE 1   FOR   6/ 1/76  -   6/30/76
     HOUR OF DAY         MINIMUM        MEAN       MAXIMUM

          1               0.000         0.001       0.017

          2               0.000         0.001       0.014

          3               0.000         0.001       0.011

          4               0.000         0.001       0.010

          5               0.000         0.001       0.004

          6               0.000         0.001       0.002

          7               0.000         0.001       0.002

          8               0.000         0.002       0.015

          9               0.000         0.002       0.030

         10               0.000         0.002       0.020

         11               0.000         0.004       0.054

         12               0.000         0.002       0.019

         13               0.000         0.001       0.002

         14               0.000         0.001       0.009

         15               0.000         0.001       0.002

         16               0.000         0.001       0.004

         17               0.000         0.002       0.028

         18               0.000         0.001       0.004

         19               0.000         0.001       0.002

         20               0.000         0.002       0.022

         21               0.000         0.002       0.025

         22               0.000         0.002       0.031

         23               0.000         0.005       0.092

         24               0.000         0.003       0.038

      SUMMARY             0.000         0.002       0.092
```

BBDSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 1 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.001	0.002
2	0.001	0.002	0.016
3	0.001	0.002	0.008
4	0.000	0.002	0.025
5	0.001	0.002	0.006
6	0.000	0.001	0.004
7	0.001	0.001	0.003
8	0.001	0.001	0.005
9	0.001	0.002	0.011
10	0.000	0.001	0.003
11	0.001	0.002	0.009
12	0.001	0.001	0.003
13	0.001	0.001	0.002
14	0.001	0.001	0.002
15	0.001	0.002	0.011
16	0.001	0.002	0.006
17	0.001	0.001	0.003
18	0.001	0.001	0.002
19	0.001	0.001	0.002
20	0.001	0.002	0.014
21	0.001	0.001	0.003
22	0.001	0.001	0.002
23	0.001	0.003	0.033
24	0.001	0.002	0.013
SUMMARY	0.000	0.002	0.033

```
          RMOSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 1  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                1.187        1.310       1.448

     2                1.184        1.312       1.453

     3                1.186        1.310       1.454

     4                1.181        1.315       1.454

     5                1.183        1.311       1.454

     6                1.187        1.314       1.454

     7                1.192        1.319       1.457

     8                1.215        1.327       1.451

     9                1.202        1.334       1.448

    10                1.181        1.336       1.454

    11                1.167        1.341       1.448

    12                1.157        1.350       1.523

    13                1.152        1.352       1.453

    14                1.154        1.351       1.454

    15                1.149        1.354       1.471

    16                1.124        1.346       1.466

    17                1.111        1.339       1.455

    18                1.106        1.332       1.457

    19                1.118        1.326       1.462

    20                1.139        1.324       1.447

    21                1.179        1.319       1.443

    22                1.191        1.317       1.444

    23                1.187        1.317       1.445

    24                1.188        1.314       1.444

  SUMMARY             1.106        1.328       1.523
```

```
              RRDSP   COMPOSITE DAY SUMMARY

              METHANE: SITE 1  FOR   5/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

     1               1.060         1.274        1.452

     2               1.064         1.276        1.454

     3               1.063         1.271        1.455

     4               1.067         1.275        1.457

     5               1.069         1.275        1.457

     6               1.072         1.277        1.458

     7               1.078         1.281        1.458

     8               1.093         1.288        1.452

     9               1.113         1.298        1.448

    10               1.130         1.303        1.453

    11               1.139         1.312        1.447

    12               1.147         1.312        1.438

    13               1.153         1.314        1.437

    14               1.148         1.328        1.440

    15               1.115         1.322        1.451

    16               1.089         1.319        1.445

    17               1.091         1.312        1.450

    18               1.079         1.305        1.453

    19               1.075         1.297        1.460

    20               1.069         1.293        1.449

    21               1.060         1.284        1.445

    22               1.064         1.279        1.440

    23               1.057         1.278        1.445

    24               1.057         1.276        1.449

  SUMMARY            1.057         1.293        1.460
```

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES: SITE 1 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.000	0.036	0.188
2	0.000	0.036	0.186
3	0.000	0.036	0.182
4	0.000	0.036	0.180
5	0.000	0.037	0.179
6	0.000	0.037	0.182
7	0.000	0.039	0.191
8	0.000	0.041	0.198
9	0.000	0.042	0.199
10	0.000	0.045	0.202
11	0.000	0.042	0.203
12	0.000	0.042	0.204
13	0.000	0.041	0.206
14	0.000	0.041	0.207
15	0.000	0.039	0.180
16	0.000	0.038	0.153
17	0.000	0.045	0.219
18	0.001	0.038	0.161
19	0.001	0.039	0.156
20	0.000	0.037	0.162
21	0.000	0.039	0.180
22	0.000	0.039	0.171
23	0.000	0.039	0.182
24	0.000	0.039	0.186
SUMMARY	0.000	0.039	0.219

```
                REOSP   COMPOSITE DAY SUMMARY

            NITRIC OXIDE: SITE 1  FOR   6/ 1/76  -   6/30/76
      HOUR OF DAY         MINIMUM        MEAN       MAXIMUM

           1              0.000          0.037       0.191

           2              0.000          0.037       0.189

           3              0.000          0.037       0.184

           4              0.000          0.037       0.182

           5              0.000          0.037       0.182

           6              0.000          0.038       0.185

           7              0.000          0.039       0.194

           8              0.000          0.042       0.202

           9              0.000          0.043       0.203

          10              0.000          0.045       0.204

          11              0.000          0.042       0.206

          12              0.000          0.042       0.206

          13              0.000          0.041       0.209

          14              0.000          0.041       0.209

          15              0.000          0.040       0.184

          16              0.000          0.039       0.154

          17              0.000          0.045       0.219

          18              0.000          0.039       0.163

          19              0.001          0.039       0.157

          20              0.000          0.037       0.164

          21              0.000          0.039       0.182

          22              0.000          0.040       0.173

          23              0.000          0.040       0.184

          24              0.000          0.040       0.189

        SUMMARY           0.000          0.040       0.219
```

```
                RBOSP   COMPOSITE DAY SUMMARY

      CARBON MONOXIDE: SITE 1  FOR   6/ 1/76   -   6/30/76
   HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

        1               0.000        0.212       0.463

        2               0.000        0.211       0.425

        3               0.000        0.215       0.453

        4               0.000        0.214       0.438

        5               0.000        0.215       0.447

        6               0.000        0.222       0.448

        7               0.000        0.210       0.436

        8               0.000        0.198       0.408

        9               0.000        0.189       0.442

       10               0.000        0.191       0.480

       11               0.000        0.200       0.502

       12               0.000        0.223       0.499

       13               0.000        0.255       0.536

       14               0.000        0.263       0.468

       15               0.000        0.254       0.426

       16               0.000        0.258       0.512

       17               0.000        0.277       1.209

       18               0.000        0.256       0.598

       19               0.000        0.216       0.485

       20               0.000        0.200       0.372

       21               0.000        0.202       0.419

       22               0.000        0.195       0.421

       23               0.000        0.197       0.415

       24               0.000        0.194       0.448

     SUMMARY            0.000        0.219       1.209
```

```
                 RTOSP   COMPOSITE DAY SUMMARY

                 OZONE: SITE 1  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY            MINIMUM       MEAN      MAXIMUM

      1                 0.022        0.035       0.056

      2                 0.019        0.035       0.056

      3                 0.023        0.035       0.050

      4                 0.022        0.035       0.050

      5                 0.022        0.035       0.050

      6                 0.023        0.034       0.050

      7                 0.023        0.033       0.044

      8                 0.025        0.033       0.044

      9                 0.025        0.034       0.043

     10                 0.025        0.035       0.050

     11                 0.026        0.036       0.052

     12                 0.029        0.038       0.056

     13                 0.028        0.039       0.055

     14                 0.027        0.039       0.054

     15                 0.029        0.039       0.053

     16                 0.028        0.039       0.051

     17                 0.028        0.038       0.051

     18                 0.028        0.038       0.050

     19                 0.027        0.037       0.050

     20                 0.026        0.035       0.049

     21                 0.025        0.034       0.047

     22                 0.024        0.034       0.046

     23                 0.025        0.035       0.046

     24                 0.023        0.035       0.045

  SUMMARY               0.019        0.036       0.056
```

```
          RROSP   COMPOSITE DAY SUMMARY

   SULFUR DIOXIDE: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY        MINIMUM       MEAN     MAXIMUM

     1             0.000        0.001       0.013

     2             0.000        0.002       0.016

     3             0.000        0.001       0.008

     4             0.000        0.002       0.019

     5             0.000        0.001       0.013

     6             0.000        0.001       0.012

     7             0.000        0.001       0.013

     8             0.000        0.002       0.021

     9             0.000        0.001       0.003

    10             0.000        0.001       0.014

    11             0.000        0.000       0.002

    12             0.000        0.000       0.001

    13             0.000        0.000       0.001

    14             0.000        0.001       0.013

    15             0.000        0.001       0.010

    16             0.000        0.001       0.016

    17             0.000        0.000       0.004

    18             0.000        0.001       0.011

    19             0.000        0.000       0.005

    20             0.000        0.000       0.001

    21             0.000        0.000       0.001

    22             0.000        0.000       0.006

    23             0.000        0.001       0.014

    24             0.000        0.001       0.009

  SUMMARY          0.000        0.001       0.021
```

RAQSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 1 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.004	0.043
2	0.001	0.003	0.029
3	0.001	0.003	0.026
4	0.001	0.002	0.006
5	0.001	0.002	0.008
6	0.001	0.004	0.047
7	0.001	0.002	0.009
8	0.001	0.003	0.015
9	0.001	0.002	0.014
10	0.001	0.002	0.016
11	0.001	0.002	0.004
12	0.000	0.002	0.003
13	0.001	0.002	0.003
14	0.001	0.002	0.006
15	0.001	0.002	0.005
16	0.001	0.002	0.018
17	0.001	0.002	0.004
18	0.001	0.002	0.013
19	0.001	0.002	0.004
20	0.001	0.001	0.003
21	0.001	0.002	0.005
22	0.001	0.002	0.019
23	0.001	0.001	0.004
24	0.001	0.002	0.014
SUMMARY	0.000	0.002	0.047

RHOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 1 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.222	1.411	1.473
2	1.241	1.410	1.472
3	1.243	1.408	1.472
4	1.215	1.407	1.462
5	1.222	1.410	1.482
6	1.225	1.410	1.485
7	1.225	1.412	1.472
8	1.229	1.415	1.487
9	1.228	1.416	1.506
10	1.218	1.406	1.502
11	1.213	1.392	1.465
12	1.207	1.384	1.458
13	1.205	1.382	1.450
14	1.209	1.392	1.486
15	1.204	1.382	1.455
16	1.239	1.373	1.445
17	1.247	1.383	1.447
18	1.252	1.394	1.508
19	1.239	1.397	1.489
20	1.220	1.402	1.476
21	1.230	1.410	1.478
22	1.224	1.419	1.506
23	1.203	1.419	1.479
24	1.213	1.417	1.469
SUMMARY	1.203	1.403	1.508

```
                RCOSP   COMPOSITE DAY SUMMARY

                METHANE: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1                1.318        1.378        1.427

     2                1.326        1.379        1.426

     3                1.321        1.378        1.431

     4                1.314        1.377        1.427

     5                1.315        1.378        1.438

     6                1.315        1.379        1.440

     7                1.314        1.383        1.440

     8                1.317        1.380        1.445

     9                1.316        1.380        1.458

    10                1.311        1.373        1.442

    11                1.303        1.364        1.415

    12                1.300        1.357        1.419

    13                1.289        1.357        1.419

    14                1.288        1.357        1.410

    15                1.213        1.348        1.416

    16                1.240        1.348        1.402

    17                1.260        1.354        1.403

    18                1.273        1.362        1.451

    19                1.288        1.365        1.434

    20                1.301        1.369        1.440

    21                1.311        1.376        1.444

    22                1.316        1.382        1.443

    23                1.314        1.383        1.427

    24                1.316        1.381        1.435

  SUMMARY             1.213        1.371        1.458
```

```
          RROSP   COMPOSITE DAY SUMMARY

   NITROGEN OXIDES: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

      1               0.001        0.048       0.193

      2               0.001        0.050       0.190

      3               0.001        0.050       0.189

      4               0.001        0.049       0.189

      5               0.001        0.049       0.186

      6               0.001        0.049       0.185

      7               0.001        0.050       0.187

      8               0.001        0.051       0.195

      9               0.001        0.052       0.199

     10               0.001        0.052       0.201

     11               0.001        0.054       0.201

     12               0.001        0.042       0.204

     13               0.001        0.048       0.206

     14               0.001        0.047       0.205

     15               0.001        0.049       0.204

     16               0.000        0.053       0.234

     17               0.000        0.049       0.222

     18               0.000        0.044       0.216

     19               0.001        0.039       0.215

     20               0.000        0.038       0.213

     21               0.001        0.039       0.212

     22               0.001        0.039       0.201

     23               0.001        0.041       0.197

     24               0.001        0.041       0.191

   SUMMARY            0.000        0.047       0.234
```

```
              RROSP   COMPOSITE DAY SUMMARY

            NITRIC OXIDE: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1               0.001         0.051        0.195

     2               0.001         0.052        0.192

     3               0.001         0.052        0.192

     4               0.001         0.054        0.192

     5               0.001         0.052        0.188

     6               0.001         0.052        0.188

     7               0.001         0.052        0.190

     8               0.001         0.053        0.197

     9               0.001         0.055        0.201

    10               0.001         0.055        0.203

    11               0.001         0.059        0.203

    12               0.001         0.046        0.205

    13               0.001         0.051        0.208

    14               0.000         0.051        0.207

    15               0.000         0.052        0.205

    16               0.001         0.055        0.237

    17               0.000         0.050        0.224

    18               0.000         0.046        0.219

    19               0.000         0.041        0.217

    20               0.001         0.041        0.216

    21               0.001         0.041        0.215

    22               0.001         0.041        0.203

    23               0.001         0.043        0.199

    24               0.001         0.044        0.194

  SUMMARY            0.000         0.049        0.237
```

```
              RROSP   COMPOSITE DAY SUMMARY

   CARBON MONOXIDE: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY         MINIMUM      MEAN     MAXIMUM

     1               0.000       0.263      0.747

     2               0.000       0.279      0.718

     3               0.000       0.277      0.684

     4               0.000       0.273      0.662

     5               0.000       0.266      0.696

     6               0.000       0.268      0.697

     7               0.000       0.264      0.705

     8               0.000       0.240      0.664

     9               0.000       0.227      0.630

    10               0.000       0.227      0.659

    11               0.000       0.255      0.672

    12               0.000       0.256      0.640

    13               0.000       0.272      0.679

    14               0.000       0.278      0.660

    15               0.000       0.275      0.656

    16               0.000       0.264      0.656

    17               0.000       0.261      0.666

    18               0.000       0.263      0.740

    19               0.000       0.262      0.691

    20               0.000       0.265      0.699

    21               0.000       0.261      0.720

    22               0.000       0.260      0.736

    23               0.000       0.249      0.710

    24               0.000       0.251      0.727

  SUMMARY            0.000       0.261      0.747
```

```
                 RAOSP   COMPOSITE DAY SUMMARY

                   OZONE: SITE 1  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY           MINIMUM        MEAN      MAXIMUM

      1                0.023        0.037        0.044

      2                0.025        0.037        0.046

      3                0.026        0.037        0.046

      4                0.024        0.036        0.046

      5                0.024        0.036        0.046

      6                0.027        0.036        0.047

      7                0.024        0.036        0.046

      8                0.024        0.036        0.046

      9                0.028        0.036        0.044

     10                0.031        0.038        0.047

     11                0.033        0.040        0.050

     12                0.033        0.041        0.049

     13                0.035        0.041        0.052

     14                0.034        0.042        0.055

     15                0.033        0.041        0.055

     16                0.034        0.040        0.054

     17                0.034        0.040        0.053

     18                0.024        0.039        0.051

     19                0.030        0.040        0.048

     20                0.030        0.038        0.044

     21                0.028        0.037        0.044

     22                0.031        0.036        0.046

     23                0.026        0.036        0.045

     24                0.023        0.036        0.045

  SUMMARY              0.023        0.038        0.055
```

```
              PROSP   COMPOSITE DAY SUMMARY

    SULFUR DIOXIDE: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1               0.000         0.000         0.000

     2               0.000         0.000         0.000

     3               0.000         0.000         0.000

     4               0.000         0.000         0.000

     5               0.000         0.000         0.000

     6               0.000         0.000         0.000

     7               0.000         0.000         0.000

     8               0.000         0.000         0.000

     9               0.000         0.000         0.000

    10               0.000         0.000         0.000

    11               0.000         0.000         0.000

    12               0.000         0.000         0.000

    13               0.000         0.000         0.000

    14               0.000         0.000         0.000

    15               0.000         0.000         0.000

    16               0.000         0.001         0.019

    17               0.000         0.000         0.003

    18               0.000         0.000         0.001

    19               0.000         0.000         0.000

    20               0.000         0.000         0.001

    21               0.000         0.000         0.001

    22               0.000         0.000         0.000

    23               0.000         0.000         0.000

    24               0.000         0.000         0.000

  SUMMARY            0.000         0.000         0.019
```

```
              RHOSP   COMPOSITE DAY SUMMARY

     HYDROGEN SULFIDE: SITE 1  FOR   8/ 1/76  -   8/31/76
    HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

         1                0.001        0.001       0.001

         2                0.000        0.001       0.001

         3                0.000        0.001       0.001

         4                0.000        0.001       0.001

         5                0.000        0.001       0.001

         6                0.000        0.001       0.001

         7                0.000        0.001       0.001

         8                0.000        0.001       0.001

         9                0.000        0.001       0.001

        10                0.000        0.001       0.001

        11                0.000        0.001       0.001

        12                0.000        0.001       0.001

        13                0.000        0.001       0.001

        14                0.000        0.001       0.001

        15                0.000        0.001       0.012

        16                0.000        0.001       0.006

        17                0.000        0.001       0.001

        18                0.000        0.001       0.001

        19                0.000        0.001       0.001

        20                0.000        0.001       0.001

        21                0.000        0.001       0.001

        22                0.000        0.001       0.001

        23                0.000        0.001       0.001

        24                0.000        0.001       0.001

     SUMMARY              0.000        0.001       0.012
```

RDOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.300	1.406	1.480
2	1.294	1.404	1.492
3	1.297	1.405	1.488
4	1.306	1.405	1.491
5	1.311	1.405	1.494
6	1.310	1.406	1.498
7	1.317	1.408	1.493
8	1.320	1.413	1.490
9	1.314	1.412	1.504
10	1.305	1.404	1.484
11	1.299	1.395	1.470
12	1.297	1.390	1.460
13	1.292	1.385	1.464
14	1.297	1.387	1.454
15	1.186	1.377	1.455
16	1.294	1.383	1.446
17	1.289	1.385	1.450
18	1.295	1.388	1.475
19	1.302	1.392	1.467
20	1.308	1.395	1.474
21	1.306	1.399	1.483
22	1.306	1.400	1.496
23	1.307	1.400	1.482
24	1.310	1.407	1.481
SUMMARY	1.186	1.399	1.504

PROSP COMPOSITE DAY SUMMARY

METHANE: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.349	1.402	1.471
2	1.346	1.401	1.474
3	1.342	1.400	1.478
4	1.345	1.401	1.482
5	1.346	1.401	1.485
6	1.346	1.402	1.479
7	1.342	1.403	1.475
8	1.343	1.404	1.471
9	1.340	1.400	1.467
10	1.334	1.393	1.457
11	1.333	1.386	1.453
12	1.323	1.380	1.443
13	1.326	1.379	1.437
14	1.321	1.380	1.433
15	1.220	1.373	1.433
16	1.310	1.375	1.426
17	1.310	1.375	1.434
18	1.317	1.378	1.434
19	1.322	1.384	1.441
20	1.329	1.389	1.447
21	1.335	1.396	1.464
22	1.308	1.397	1.479
23	1.340	1.400	1.466
24	1.346	1.404	1.469
SUMMARY	1.220	1.392	1.485

```
                 RBOSP   COMPOSITE DAY SUMMARY

   NITROGEN OXIDES: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY         MINIMUM      MEAN      MAXIMUM

     1               0.000       0.001      0.002

     2               0.000       0.001      0.002

     3               0.000       0.001      0.002

     4               0.000       0.001      0.002

     5               0.001       0.001      0.002

     6               0.001       0.001      0.002

     7               0.000       0.001      0.002

     8               0.000       0.001      0.002

     9               0.000       0.001      0.001

    10               0.000       0.001      0.001

    11               0.000       0.001      0.001

    12               0.000       0.001      0.001

    13               0.000       0.001      0.001

    14               0.000       0.001      0.001

    15               0.000       0.001      0.001

    16               0.000       0.001      0.001

    17               0.000       0.001      0.001

    18               0.000       0.001      0.001

    19               0.000       0.001      0.001

    20               0.000       0.001      0.002

    21               0.000       0.001      0.002

    22               0.000       0.001      0.002

    23               0.000       0.001      0.002

    24               0.000       0.001      0.002

  SUMMARY            0.000       0.001      0.002
```

```
                RPOSP   COMPOSITE DAY SUMMARY

             NITRIC OXIDE: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

      1               0.000        0.001        0.001

      2               0.000        0.001        0.001

      3               0.000        0.001        0.001

      4               0.000        0.001        0.001

      5               0.000        0.001        0.001

      6               0.000        0.001        0.001

      7               0.000        0.001        0.001

      8               0.000        0.001        0.001

      9               0.000        0.001        0.001

     10               0.000        0.001        0.001

     11               0.000        0.001        0.001

     12               0.000        0.001        0.001

     13               0.000        0.001        0.001

     14               0.000        0.001        0.001

     15               0.000        0.001        0.001

     16               0.000        0.001        0.001

     17               0.000        0.001        0.001

     18               0.000        0.001        0.001

     19               0.000        0.001        0.001

     20               0.000        0.001        0.001

     21               0.000        0.001        0.001

     22               0.000        0.001        0.001

     23               0.000        0.001        0.001

     24               0.000        0.001        0.001

  SUMMARY             0.000        0.001        0.001
```

```
            RBOSP   COMPOSITE DAY SUMMARY

   CARBON MONOXIDE: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY         MINIMUM        MEAN       MAXIMUM

     1               0.000         0.375        0.751

     2               0.000         0.380        0.752

     3               0.000         0.377        0.735

     4               0.000         0.375        0.704

     5               0.000         0.377        0.686

     6               0.000         0.375        0.700

     7               0.000         0.375        0.707

     8               0.000         0.361        0.689

     9               0.000         0.345        0.682

    10               0.000         0.346        0.659

    11               0.000         0.365        0.795

    12               0.000         0.395        0.833

    13               0.000         0.412        0.944

    14               0.000         0.412        0.822

    15               0.000         0.422        0.772

    16               0.000         0.432        0.704

    17               0.000         0.434        0.710

    18               0.000         0.442        0.731

    19               0.000         0.440        0.732

    20               0.000         0.422        0.732

    21               0.000         0.419        0.748

    22               0.000         0.412        0.732

    23               0.000         0.410        0.729

    24               0.000         0.405        0.755

  SUMMARY            0.000         0.396        0.944
```

```
                 RECSP   COMPOSITE DAY SUMMARY

                 OZONE: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

      1               0.021         0.030        0.041

      2               0.020         0.030        0.040

      3               0.021         0.030        0.040

      4               0.022         0.030        0.040

      5               0.021         0.030        0.040

      6               0.020         0.030        0.039

      7               0.019         0.030        0.038

      8               0.019         0.029        0.038

      9               0.017         0.030        0.038

     10               0.021         0.031        0.039

     11               0.020         0.032        0.040

     12               0.025         0.034        0.043

     13               0.025         0.034        0.044

     14               0.025         0.033        0.041

     15               0.025         0.033        0.041

     16               0.025         0.034        0.043

     17               0.025         0.033        0.044

     18               0.023         0.033        0.041

     19               0.026         0.032        0.041

     20               0.024         0.031        0.041

     21               0.023         0.030        0.040

     22               0.022         0.030        0.040

     23               0.023         0.030        0.041

     24               0.023         0.030        0.041

  SUMMARY             0.017         0.031        0.044
```

```
                RBOSP   COMPOSITE DAY SUMMARY

         SULFUR DIOXIDE: SITE 1  FOR   6/ 1/76  -   8/31/76
      HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

          1               0.000        0.001       0.017

          2               0.000        0.001       0.016

          3               0.000        0.001       0.011

          4               0.000        0.001       0.019

          5               0.000        0.001       0.013

          6               0.000        0.001       0.012

          7               0.000        0.001       0.013

          8               0.000        0.001       0.021

          9               0.000        0.001       0.030

         10               0.000        0.001       0.020

         11               0.000        0.002       0.054

         12               0.000        0.001       0.019

         13               0.000        0.000       0.002

         14               0.000        0.001       0.013

         15               0.000        0.000       0.010

         16               0.000        0.001       0.019

         17               0.000        0.001       0.028

         18               0.000        0.000       0.011

         19               0.000        0.000       0.005

         20               0.000        0.001       0.022

         21               0.000        0.001       0.025

         22               0.000        0.001       0.031

         23               0.000        0.002       0.092

         24               0.000        0.001       0.038

      SUMMARY             0.000        0.001       0.092
```

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 1 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.043
2	0.000	0.002	0.029
3	0.000	0.002	0.026
4	0.000	0.002	0.025
5	0.000	0.001	0.008
6	0.000	0.002	0.047
7	0.000	0.001	0.009
8	0.000	0.002	0.015
9	0.000	0.002	0.014
10	0.000	0.001	0.016
11	0.000	0.001	0.009
12	0.000	0.001	0.003
13	0.000	0.001	0.003
14	0.000	0.001	0.006
15	0.000	0.002	0.012
16	0.000	0.002	0.018
17	0.000	0.001	0.004
18	0.000	0.001	0.013
19	0.000	0.001	0.004
20	0.000	0.001	0.014
21	0.000	0.001	0.005
22	0.000	0.001	0.019
23	0.000	0.002	0.033
24	0.000	0.002	0.014
SUMMARY	0.000	0.002	0.047

REOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 1 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.187	1.375	1.480
2	1.184	1.374	1.492
3	1.186	1.374	1.488
4	1.181	1.375	1.491
5	1.183	1.374	1.494
6	1.187	1.376	1.498
7	1.197	1.379	1.493
8	1.215	1.384	1.490
9	1.202	1.386	1.506
10	1.181	1.381	1.502
11	1.167	1.375	1.470
12	1.157	1.374	1.523
13	1.152	1.372	1.464
14	1.154	1.376	1.486
15	1.149	1.371	1.471
16	1.124	1.367	1.466
17	1.111	1.368	1.455
18	1.106	1.370	1.508
19	1.118	1.370	1.489
20	1.139	1.372	1.476
21	1.179	1.375	1.483
22	1.191	1.377	1.506
23	1.187	1.378	1.482
24	1.185	1.378	1.481
SUMMARY	1.106	1.375	1.523

```
                RHCSP   COMPOSITE DAY SUMMARY

                METHANE: SITE 1  FOR   6/ 1/76  -   8/31/76
     HOUR OF DAY        MINIMUM        MEAN      MAXIMUM

          1              1.060        1.351       1.471

          2              1.064        1.351       1.474

          3              1.063        1.350       1.478

          4              1.067        1.350       1.482

          5              1.069        1.350       1.485

          6              1.072        1.352       1.479

          7              1.078        1.354       1.475

          8              1.093        1.356       1.471

          9              1.113        1.359       1.467

         10              1.130        1.356       1.457

         11              1.139        1.353       1.453

         12              1.147        1.349       1.443

         13              1.153        1.349       1.437

         14              1.148        1.354       1.440

         15              1.115        1.347       1.451

         16              1.089        1.346       1.445

         17              1.091        1.346       1.450

         18              1.079        1.347       1.453

         19              1.075        1.347       1.460

         20              1.069        1.349       1.449

         21              1.060        1.351       1.464

         22              1.064        1.352       1.479

         23              1.057        1.353       1.466

         24              1.057        1.353       1.469

      SUMMARY            1.057        1.351       1.485
```

```
                 RHOSP    COMPOSITE DAY SUMMARY

          NITROGEN OXIDES: SITE 1  FOR   6/ 1/76  -   8/31/76
       HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

             1               0.000         0.027        0.193

             2               0.000         0.028        0.190

             3               0.000         0.027        0.189

             4               0.000         0.027        0.189

             5               0.000         0.027        0.186

             6               0.000         0.028        0.185

             7               0.000         0.028        0.191

             8               0.000         0.029        0.198

             9               0.000         0.030        0.199

            10               0.000         0.031        0.202

            11               0.000         0.030        0.203

            12               0.000         0.026        0.204

            13               0.000         0.028        0.206

            14               0.000         0.027        0.207

            15               0.000         0.027        0.204

            16               0.000         0.028        0.234

            17               0.000         0.030        0.222

            18               0.000         0.027        0.216

            19               0.000         0.025        0.215

            20               0.000         0.024        0.213

            21               0.000         0.025        0.212

            22               0.000         0.025        0.201

            23               0.000         0.026        0.197

            24               0.000         0.026        0.191

         SUMMARY             0.000         0.027        0.234
```

```
                RBOSP   COMPOSITE DAY SUMMARY

          NITRIC OXIDE: SITE 1  FOR   6/ 1/76   -   8/31/76
HOUR OF DAY            MINIMUM        MEAN       MAXIMUM

     1                  0.000         0.028       0.195

     2                  0.000         0.028       0.192

     3                  0.000         0.028       0.192

     4                  0.000         0.029       0.192

     5                  0.000         0.028       0.188

     6                  0.000         0.028       0.188

     7                  0.000         0.029       0.194

     8                  0.000         0.030       0.202

     9                  0.000         0.031       0.203

    10                  0.000         0.032       0.204

    11                  0.000         0.032       0.206

    12                  0.000         0.027       0.206

    13                  0.000         0.029       0.209

    14                  0.000         0.029       0.209

    15                  0.000         0.028       0.205

    16                  0.000         0.028       0.237

    17                  0.000         0.030       0.224

    18                  0.000         0.027       0.219

    19                  0.000         0.026       0.217

    20                  0.000         0.025       0.216

    21                  0.000         0.026       0.215

    22                  0.000         0.026       0.203

    23                  0.000         0.027       0.199

    24                  0.000         0.027       0.194

SUMMARY                 0.000         0.028       0.237
```

```
             RBOSP   COMPOSITE DAY SUMMARY

    CARBON MONOXIDE: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                0.000        0.285       0.751

     2                0.000        0.291       0.752

     3                0.000        0.291       0.735

     4                0.000        0.289       0.704

     5                0.000        0.283       0.696

     6                0.000        0.290       0.700

     7                0.000        0.285       0.707

     8                0.000        0.268       0.689

     9                0.000        0.256       0.682

    10                0.000        0.258       0.659

    11                0.000        0.276       0.795

    12                0.000        0.296       0.833

    13                0.000        0.318       0.944

    14                0.000        0.322       0.822

    15                0.000        0.322       0.772

    16                0.000        0.324       0.704

    17                0.000        0.329       1.209

    18                0.000        0.324       0.740

    19                0.000        0.308       0.732

    20                0.000        0.298       0.732

    21                0.000        0.296       0.746

    22                0.000        0.291       0.736

    23                0.000        0.288       0.729

    24                0.000        0.286       0.755

  SUMMARY             0.000        0.295       1.209
```

```
            RAOSP   COMPOSITE DAY SUMMARY

                  OZONE: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1                0.021        0.034        0.056

     2                0.019        0.034        0.056

     3                0.021        0.034        0.050

     4                0.022        0.033        0.050

     5                0.021        0.033        0.050

     6                0.020        0.033        0.050

     7                0.019        0.033        0.046

     8                0.019        0.032        0.046

     9                0.017        0.033        0.044

    10                0.021        0.034        0.050

    11                0.020        0.036        0.052

    12                0.025        0.037        0.056

    13                0.025        0.038        0.055

    14                0.025        0.038        0.055

    15                0.025        0.037        0.055

    16                0.025        0.037        0.054

    17                0.025        0.037        0.053

    18                0.023        0.037        0.051

    19                0.026        0.036        0.050

    20                0.024        0.035        0.049

    21                0.023        0.034        0.047

    22                0.022        0.034        0.046

    23                0.023        0.034        0.046

    24                0.023        0.033        0.045

  SUMMARY             0.017        0.035        0.056
```

A.2.2

COMPOSITE DAY SUMMARIES FOR SITE 2
SUMMER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)

```
              RAQSP   COMPOSITE DAY SUMMARY

      SULFUR DIOXIDE: SITE 2  FOR   6/ 1/76  -   6/30/76
  HOUR OF DAY           MINIMUM         MEAN       MAXIMUM

       1                 0.000         0.000         0.001

       2                 0.000         0.000         0.000

       3                 0.000         0.000         0.000

       4                 0.000         0.000         0.000

       5                 0.000         0.000         0.000

       6                 0.000         0.000         0.000

       7                 0.000         0.000         0.000

       8                 0.000         0.000         0.000

       9                 0.000         0.000         0.000

      10                 0.000         0.000         0.000

      11                 0.000         0.000         0.000

      12                 0.000         0.000         0.000

      13                 0.000         0.000         0.000

      14                 0.000         0.000         0.001

      15                 0.000         0.000         0.000

      16                 0.000         0.000         0.000

      17                 0.000         0.000         0.000

      18                 0.000         0.000         0.000

      19                 0.000         0.000         0.000

      20                 0.000         0.000         0.000

      21                 0.000         0.000         0.000

      22                 0.000         0.000         0.000

      23                 0.000         0.000         0.000

      24                 0.000         0.000         0.000

     SUMMARY             0.000         0.000         0.001
```

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 2 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.002	0.003
2	0.002	0.002	0.003
3	0.002	0.002	0.003
4	0.002	0.002	0.003
5	0.002	0.002	0.003
6	0.002	0.002	0.003
7	0.002	0.002	0.003
8	0.002	0.002	0.003
9	0.002	0.002	0.002
10	0.002	0.002	0.002
11	0.002	0.002	0.003
12	0.002	0.002	0.002
13	0.002	0.002	0.003
14	0.002	0.002	0.002
15	0.002	0.002	0.002
16	0.002	0.002	0.003
17	0.002	0.002	0.002
18	0.002	0.002	0.002
19	0.002	0.002	0.003
20	0.002	0.002	0.002
21	0.002	0.002	0.002
22	0.002	0.002	0.003
23	0.002	0.002	0.003
24	0.002	0.002	0.003
SUMMARY	0.002	0.002	0.003

PROSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 2 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.346	1.440	1.506
2	1.346	1.440	1.512
3	1.344	1.439	1.509
4	1.345	1.441	1.508
5	1.347	1.439	1.505
6	1.350	1.442	1.508
7	1.355	1.444	1.518
8	1.355	1.440	1.508
9	1.351	1.438	1.502
10	1.336	1.434	1.519
11	1.326	1.426	1.512
12	1.319	1.421	1.499
13	1.344	1.421	1.537
14	1.305	1.416	1.568
15	1.339	1.417	1.520
16	1.345	1.418	1.480
17	1.342	1.417	1.471
18	1.352	1.414	1.487
19	1.358	1.415	1.483
20	1.362	1.420	1.476
21	1.370	1.427	1.481
22	1.374	1.435	1.514
23	1.365	1.440	1.510
24	1.353	1.440	1.505
SUMMARY	1.305	1.431	1.568

```
              280SP   COMPOSITE DAY SUMMARY

              METHANE: SITE 2  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM       MEAN       MAXIMUM

     1                1.276        1.400        1.505

     2                1.272        1.400        1.505

     3                1.291        1.400        1.506

     4                1.293        1.401        1.505

     5                1.300        1.401        1.507

     6                1.304        1.403        1.507

     7                1.317        1.405        1.514

     8                1.318        1.400        1.506

     9                1.314        1.392        1.493

    10                1.301        1.386        1.477

    11                1.288        1.380        1.472

    12                1.284        1.375        1.472

    13                1.288        1.373        1.469

    14                1.237        1.365        1.461

    15                1.281        1.370        1.456

    16                1.285        1.370        1.454

    17                1.280        1.368        1.448

    18                1.286        1.365        1.450

    19                1.289        1.367        1.455

    20                1.300        1.372        1.465

    21                1.310        1.382        1.473

    22                1.306        1.393        1.485

    23                1.283        1.397        1.493

    24                1.277        1.398        1.495

  SUMMARY             1.237        1.386        1.514
```

```
                    FBOSP   COMPOSITE DAY SUMMARY

             SULFUR DIOXIDE: SITE 2  FOR   7/ 1/76  -  7/31/76
         HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

              1              0.000        0.000        0.002

              2              0.000        0.000        0.000

              3              0.000        0.000        0.000

              4              0.000        0.000        0.003

              5              0.000        0.000        0.001

              6              0.000        0.000        0.001

              7              0.000        0.000        0.003

              8              0.000        0.000        0.000

              9              0.000        0.000        0.000

             10              0.000        0.000        0.000

             11              0.000        0.000        0.000

             12              0.000        0.000        0.000

             13              0.000        0.000        0.000

             14              0.000        0.000        0.000

             15              0.000        0.000        0.000

             16              0.000        0.000        0.004

             17              0.000        0.000        0.000

             18              0.000        0.000        0.001

             19              0.000        0.000        0.000

             20              0.000        0.000        0.000

             21              0.000        0.000        0.000

             22              0.000        0.000        0.000

             23              0.000        0.000        0.000

             24              0.000        0.000        0.000

           SUMMARY           0.000        0.000        0.004
```

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 2 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.003
2	0.001	0.002	0.002
3	0.001	0.002	0.002
4	0.001	0.002	0.002
5	0.001	0.002	0.002
6	0.001	0.002	0.002
7	0.001	0.002	0.002
8	0.001	0.002	0.002
9	0.001	0.002	0.002
10	0.001	0.002	0.002
11	0.001	0.002	0.002
12	0.001	0.002	0.002
13	0.001	0.002	0.002
14	0.001	0.002	0.002
15	0.001	0.002	0.002
16	0.001	0.002	0.004
17	0.001	0.002	0.002
18	0.001	0.002	0.002
19	0.001	0.002	0.002
20	0.001	0.002	0.002
21	0.001	0.002	0.002
22	0.001	0.002	0.002
23	0.001	0.002	0.002
24	0.001	0.002	0.002
SUMMARY	0.001	0.002	0.004

```
                  RPOSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 2  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM      MEAN      MAXIMUM

     1                1.373       1.431       1.469

     2                1.374       1.433       1.469

     3                1.374       1.432       1.470

     4                1.375       1.430       1.478

     5                1.380       1.432       1.485

     6                1.385       1.435       1.493

     7                1.389       1.436       1.504

     8                1.391       1.434       1.494

     9                1.391       1.433       1.480

    10                1.391       1.429       1.494

    11                1.391       1.422       1.495

    12                1.388       1.418       1.466

    13                1.384       1.410       1.450

    14                1.363       1.405       1.442

    15                1.354       1.406       1.468

    16                1.261       1.397       1.462

    17                1.340       1.400       1.451

    18                1.275       1.394       1.484

    19                1.250       1.391       1.436

    20                1.266       1.403       1.451

    21                1.271       1.416       1.471

    22                1.281       1.417       1.496

    23                1.276       1.421       1.486

    24                1.280       1.420       1.468

  SUMMARY             1.250       1.419       1.504
```

```
                  PROSP   COMPOSITE DAY SUMMARY

                  METHANE: SITE 2  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY            MINIMUM        MEAN       MAXIMUM

     1                 1.393         1.427        1.479

     2                 1.384         1.431        1.495

     3                 1.388         1.431        1.495

     4                 1.380         1.431        1.488

     5                 1.380         1.434        1.487

     6                 1.390         1.439        1.498

     7                 1.394         1.440        1.502

     8                 1.393         1.436        1.506

     9                 1.384         1.432        1.497

    10                 1.361         1.424        1.506

    11                 1.348         1.419        1.495

    12                 1.339         1.412        1.478

    13                 1.328         1.405        1.473

    14                 1.319         1.401        1.466

    15                 1.302         1.394        1.464

    16                 1.273         1.387        1.454

    17                 1.270         1.386        1.450

    18                 1.273         1.384        1.457

    19                 1.281         1.384        1.466

    20                 1.277         1.387        1.453

    21                 1.287         1.395        1.453

    22                 1.301         1.408        1.468

    23                 1.309         1.416        1.474

    24                 1.319         1.419        1.479

  SUMMARY              1.270         1.413        1.506
```

```
          R50SP   COMPOSITE DAY SUMMARY

    SULFUR DIOXIDE: SITE 2  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1                0.000        0.000        0.000

     2                0.000        0.000        0.001

     3                0.000        0.000        0.001

     4                0.000        0.000        0.001

     5                0.000        0.000        0.000

     6                0.000        0.000        0.000

     7                0.000        0.000        0.001

     8                0.000        0.000        0.001

     9                0.000        0.000        0.000

    10                0.000        0.000        0.000

    11                0.000        0.000        0.000

    12                0.000        0.000        0.000

    13                0.000        0.000        0.000

    14                0.000        0.000        0.000

    15                0.000        0.000        0.000

    16                0.000        0.000        0.000

    17                0.000        0.000        0.000

    18                0.000        0.000        0.000

    19                0.000        0.000        0.000

    20                0.000        0.000        0.001

    21                0.000        0.000        0.000

    22                0.000        0.000        0.000

    23                0.000        0.000        0.000

    24                0.000        0.000        0.001

  SUMMARY             0.000        0.000        0.001
```

```
                 RBOSP   COMPOSITE DAY SUMMARY

   HYDROGEN SULFIDE: SITE 2  FOR   8/ 1/76  -   8/31/76
 HOUR OF DAY         MINIMUM       MEAN       MAXIMUM

      1               0.001        0.001       0.002

      2               0.001        0.001       0.002

      3               0.001        0.001       0.002

      4               0.001        0.001       0.002

      5               0.001        0.001       0.002

      6               0.001        0.001       0.002

      7               0.001        0.001       0.001

      8               0.001        0.001       0.001

      9               0.001        0.001       0.001

     10               0.001        0.001       0.001

     11               0.001        0.001       0.002

     12               0.001        0.001       0.001

     13               0.001        0.001       0.001

     14               0.001        0.001       0.001

     15               0.001        0.001       0.001

     16               0.001        0.001       0.001

     17               0.001        0.001       0.001

     18               0.001        0.001       0.001

     19               0.001        0.001       0.001

     20               0.001        0.001       0.002

     21               0.001        0.001       0.002

     22               0.001        0.001       0.001

     23               0.001        0.001       0.001

     24               0.001        0.001       0.002

  SUMMARY             0.001        0.001       0.002
```

RROSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 2 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.267	1.434	1.609
2	1.248	1.434	1.614
3	1.260	1.433	1.612
4	1.243	1.433	1.622
5	1.227	1.432	1.611
6	1.251	1.434	1.617
7	1.248	1.439	1.630
8	1.242	1.427	1.621
9	1.216	1.425	1.602
10	1.255	1.422	1.629
11	1.181	1.412	1.564
12	1.178	1.413	1.553
13	1.245	1.413	1.550
14	1.244	1.404	1.548
15	1.238	1.398	1.549
16	1.244	1.403	1.544
17	1.242	1.421	1.565
18	1.235	1.412	1.550
19	1.226	1.408	1.557
20	1.242	1.414	1.560
21	1.241	1.427	1.565
22	1.259	1.434	1.604
23	1.270	1.436	1.600
24	1.243	1.439	1.627
SUMMARY	1.178	1.423	1.630

[illegible] COMPOSITE DAY SUMMARY

[illegible] SITE [illegible] FOR 3/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	[illegible]	[illegible]	1.415
2	1.273	1.394	1.521
3	1.265	1.393	1.506
4	1.244	1.390	1.522
5	1.266	1.383	1.464
6	1.281	1.388	1.466
7	1.255	1.390	1.491
8	1.262	1.393	1.497
9	1.258	1.385	1.495
10	[illegible]	1.376	1.477
11	1.260	1.371	1.474
12	1.262	1.373	1.468
13	1.262	1.372	1.459
14	1.271	1.379	1.455
15	1.248	1.367	1.453
16	1.277	1.366	1.448
17	1.264	1.374	1.440
18	1.233	1.367	1.446
19	1.261	1.375	1.447
20	1.267	1.382	1.456
21	1.272	1.390	1.470
22	1.275	1.396	1.477
23	1.266	1.397	1.481
24	1.255	1.398	1.489
[illegible]	[illegible]	[illegible]	[illegible]

```
          RAQSP   COMPOSITE DAY SUMMARY

     SULFUR DIOXIDE: SITE 2  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

     1               0.000        0.000        0.002

     2               0.000        0.000        0.001

     3               0.000        0.000        0.001

     4               0.000        0.000        0.003

     5               0.000        0.000        0.001

     6               0.000        0.000        0.001

     7               0.000        0.000        0.001

     8               0.000        0.000        0.001

     9               0.000        0.000        0.000

    10               0.000        0.000        0.000

    11               0.000        0.000        0.000

    12               0.000        0.000        0.000

    13               0.000        0.000        0.000

    14               0.000        0.000        0.001

    15               0.000        0.000        0.000

    16               0.000        0.000        0.004

    17               0.000        0.000        0.000

    18               0.000        0.000        0.001

    19               0.000        0.000        0.000

    20               0.000        0.000        0.001

    21               0.000        0.000        0.000

    22               0.000        0.000        0.000

    23               0.000        0.000        0.000

    24               0.000        0.000        0.001

  SUMMARY            0.000        0.000        0.004
```

RDDSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 2 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.003
2	0.001	0.002	0.003
3	0.001	0.002	0.003
4	0.001	0.002	0.003
5	0.001	0.002	0.003
6	0.001	0.002	0.003
7	0.001	0.002	0.003
8	0.001	0.002	0.003
9	0.001	0.002	0.002
10	0.001	0.002	0.002
11	0.001	0.002	0.003
12	0.001	0.002	0.002
13	0.001	0.002	0.003
14	0.001	0.002	0.002
15	0.001	0.002	0.002
16	0.001	0.002	0.004
17	0.001	0.002	0.002
18	0.001	0.002	0.002
19	0.001	0.002	0.003
20	0.001	0.002	0.002
21	0.001	0.002	0.002
22	0.001	0.002	0.003
23	0.001	0.002	0.003
24	0.001	0.002	0.003
SUMMARY	0.001	0.002	0.004

```
          RPOSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 2  FOR   6/ 1/76   -   8/31/76
HOUR OF DAY           MINIMUM       MEAN      MAXIMUM

     1                 1.267        1.435        1.609

     2                 1.248        1.436        1.614

     3                 1.260        1.435        1.612

     4                 1.243        1.435        1.622

     5                 1.227        1.435        1.611

     6                 1.251        1.437        1.617

     7                 1.248        1.440        1.630

     8                 1.242        1.434        1.621

     9                 1.216        1.432        1.602

    10                 1.255        1.428        1.629

    11                 1.181        1.420        1.564

    12                 1.178        1.417        1.553

    13                 1.245        1.415        1.550

    14                 1.244        1.408        1.568

    15                 1.238        1.407        1.549

    16                 1.244        1.406        1.544

    17                 1.242        1.413        1.565

    18                 1.235        1.407        1.550

    19                 1.226        1.406        1.557

    20                 1.242        1.413        1.560

    21                 1.241        1.423        1.565

    22                 1.259        1.429        1.604

    23                 1.270        1.433        1.600

    24                 1.243        1.434        1.627

  SUMMARY              1.178        1.424        1.630
```

RIASP COMPOSITE DAY SUMMARY

METHANE: SITE 2 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.267	1.405	1.505
2	1.270	1.406	1.505
3	1.265	1.406	1.506
4	1.264	1.405	1.507
5	1.266	1.406	1.507
6	1.263	1.408	1.507
7	1.265	1.410	1.514
8	1.264	1.406	1.506
9	1.259	1.400	1.497
10	1.260	1.393	1.506
11	1.260	1.388	1.495
12	1.262	1.384	1.478
13	1.268	1.383	1.473
14	1.237	1.378	1.466
15	1.268	1.376	1.464
16	1.227	1.374	1.454
17	1.264	1.375	1.450
18	1.239	1.372	1.457
19	1.261	1.375	1.466
20	1.267	1.380	1.465
21	1.272	1.389	1.473
22	1.270	1.397	1.485
23	1.268	1.403	1.493
24	1.268	1.404	1.495
SUMMARY	1.227	1.393	1.514

A.2.3

COMPOSITE DAY SUMMARIES FOR SITE 3
SUMMER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

```
          RPOSP   COMPOSITE DAY SUMMARY

   SULFUR DIOXIDE: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

     1              0.003        0.004       0.008

     2              0.003        0.004       0.007

     3              0.003        0.004       0.007

     4              0.003        0.004       0.007

     5              0.003        0.004       0.008

     6              0.003        0.004       0.008

     7              0.003        0.004       0.008

     8              0.003        0.004       0.009

     9              0.003        0.004       0.008

    10              0.003        0.005       0.009

    11              0.003        0.005       0.010

    12              0.003        0.005       0.009

    13              0.003        0.005       0.009

    14              0.003        0.005       0.010

    15              0.003        0.005       0.009

    16              0.003        0.005       0.009

    17              0.003        0.005       0.010

    18              0.003        0.005       0.011

    19              0.003        0.005       0.009

    20              0.003        0.004       0.009

    21              0.003        0.004       0.009

    22              0.003        0.004       0.008

    23              0.003        0.004       0.008

    24              0.003        0.004       0.008

  SUMMARY           0.003        0.004       0.011
```

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 3 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.003	0.005
2	0.003	0.003	0.005
3	0.003	0.003	0.005
4	0.003	0.003	0.005
5	0.003	0.003	0.005
6	0.003	0.003	0.005
7	0.003	0.003	0.006
8	0.003	0.003	0.006
9	0.003	0.003	0.006
10	0.003	0.004	0.007
11	0.003	0.004	0.008
12	0.003	0.004	0.007
13	0.003	0.004	0.006
14	0.003	0.004	0.007
15	0.003	0.004	0.006
16	0.003	0.004	0.007
17	0.003	0.004	0.007
18	0.003	0.004	0.008
19	0.003	0.004	0.007
20	0.003	0.004	0.006
21	0.003	0.004	0.006
22	0.003	0.004	0.006
23	0.003	0.003	0.005
24	0.003	0.003	0.005
SUMMARY	0.003	0.004	0.008

```
            RROSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

      1                1.408       1.472       1.549

      2                1.417       1.472       1.593

      3                1.399       1.470       1.623

      4                1.386       1.465       1.587

      5                1.395       1.468       1.578

      6                1.391       1.470       1.594

      7                1.402       1.483       1.585

      8                1.393       1.477       1.577

      9                1.390       1.459       1.549

     10                1.371       1.436       1.509

     11                1.362       1.423       1.439

     12                1.347       1.411       1.484

     13                1.364       1.410       1.475

     14                1.358       1.407       1.470

     15                1.276       1.402       1.478

     16                1.361       1.407       1.476

     17                1.296       1.400       1.462

     18                1.295       1.402       1.466

     19                1.093       1.396       1.479

     20                1.125       1.406       1.491

     21                1.345       1.437       1.548

     22                1.394       1.451       1.587

     23                1.330       1.456       1.559

     24                1.399       1.467       1.552

  SUMMARY              1.093       1.441       1.623
```

```
                  REOSP   COMPOSITE DAY SUMMARY

                  METHANE: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY              MINIMUM        MEAN      MAXIMUM

     1                   1.393          1.453      1.525

     2                   1.391          1.454      1.572

     3                   1.388          1.455      1.608

     4                   1.379          1.450      1.573

     5                   1.383          1.453      1.575

     6                   1.379          1.454      1.566

     7                   1.383          1.463      1.563

     8                   1.379          1.455      1.555

     9                   1.373          1.439      1.527

    10                   1.359          1.418      1.476

    11                   1.351          1.405      1.466

    12                   1.321          1.395      1.464

    13                   1.349          1.393      1.449

    14                   1.344          1.389      1.446

    15                   1.277          1.384      1.450

    16                   1.345          1.388      1.453

    17                   1.318          1.383      1.436

    18                   1.296          1.385      1.440

    19                   1.081          1.378      1.447

    20                   1.088          1.388      1.464

    21                   1.326          1.418      1.508

    22                   1.377          1.434      1.570

    23                   1.329          1.439      1.537

    24                   1.387          1.448      1.531

SUMMARY                  1.081          1.423      1.608
```

```
         RBOSP   COMPOSITE DAY SUMMARY

   NITROGEN OXIDES: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                0.001        0.002       0.004

     2                0.001        0.002       0.004

     3                0.001        0.002       0.004

     4                0.001        0.002       0.004

     5                0.001        0.002       0.005

     6                0.001        0.002       0.005

     7                0.001        0.002       0.005

     8                0.001        0.003       0.006

     9                0.001        0.003       0.007

    10                0.002        0.003       0.007

    11                0.002        0.004       0.007

    12                0.002        0.004       0.007

    13                0.002        0.004       0.007

    14                0.002        0.004       0.007

    15                0.002        0.004       0.007

    16                0.002        0.004       0.007

    17                0.002        0.003       0.007

    18                0.002        0.003       0.007

    19                0.002        0.003       0.007

    20                0.002        0.003       0.007

    21                0.002        0.004       0.007

    22                0.001        0.003       0.007

    23                0.001        0.003       0.006

    24                0.001        0.002       0.006

  SUMMARY             0.001        0.003       0.007
```

RAOSF COMPOSITE DAY SUMMARY

NITRIC OXIDE: SITE 3 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.004
2	0.001	0.002	0.004
3	0.000	0.002	0.004
4	0.000	0.002	0.004
5	0.000	0.002	0.004
6	0.000	0.002	0.004
7	0.001	0.002	0.005
8	0.001	0.003	0.006
9	0.001	0.003	0.006
10	0.002	0.003	0.006
11	0.002	0.003	0.007
12	0.002	0.003	0.007
13	0.002	0.003	0.007
14	0.002	0.003	0.007
15	0.002	0.003	0.007
16	0.001	0.003	0.007
17	0.002	0.003	0.007
18	0.002	0.003	0.007
19	0.002	0.003	0.007
20	0.002	0.003	0.007
21	0.002	0.003	0.007
22	0.001	0.003	0.006
23	0.001	0.002	0.006
24	0.001	0.002	0.005
SUMMARY	0.000	0.003	0.007

```
          RROSP   COMPOSITE DAY SUMMARY

   CARBON MONOXIDE: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

     1               0.000        0.334      1.167

     2               0.000        0.336      1.189

     3               0.000        0.327      1.161

     4               0.000        0.328      1.176

     5               0.000        0.322      1.163

     6               0.000        0.318      1.144

     7               0.000        0.324      1.166

     8               0.000        0.358      1.193

     9               0.000        0.402      1.211

    10               0.000        0.411      1.302

    11               0.000        0.412      1.216

    12               0.000        0.428      1.239

    13               0.000        0.439      1.265

    14               0.000        0.419      1.196

    15               0.000        0.421      1.126

    16               0.000        0.399      1.001

    17               0.000        0.368      1.001

    18               0.000        0.359      1.091

    19               0.000        0.335      1.082

    20               0.000        0.343      1.072

    21               0.000        0.355      1.093

    22               0.000        0.351      1.091

    23               0.000        0.349      1.153

    24               0.000        0.342      1.199

  SUMMARY            0.000        0.365      1.302
```

FROSP COMPOSITE DAY SUMMARY

OZONE: SITE 3 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.016	0.028	0.061
2	0.015	0.027	0.064
3	0.013	0.025	0.046
4	0.012	0.024	0.047
5	0.010	0.023	0.039
6	0.008	0.022	0.035
7	0.010	0.022	0.036
8	0.020	0.028	0.042
9	0.027	0.036	0.045
10	0.033	0.042	0.050
11	0.034	0.045	0.058
12	0.037	0.047	0.061
13	0.036	0.049	0.061
14	0.036	0.049	0.060
15	0.036	0.049	0.058
16	0.034	0.049	0.053
17	0.035	0.049	0.058
18	0.035	0.048	0.058
19	0.034	0.047	0.057
20	0.032	0.044	0.053
21	0.023	0.035	0.047
22	0.017	0.031	0.048
23	0.017	0.031	0.054
24	0.016	0.030	0.046
SUMMARY	0.008	0.036	0.064

```
          RBOSP   COMPOSITE DAY SUMMARY

      SULFUR DIOXIDE: SITE 3  FOR   7/ 1/76  -   7/31/76
   HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

        1               0.003        0.005       0.034

        2               0.003        0.004       0.004

        3               0.003        0.004       0.004

        4               0.003        0.004       0.004

        5               0.003        0.004       0.004

        6               0.003        0.004       0.004

        7               0.003        0.003       0.004

        8               0.003        0.003       0.004

        9               0.003        0.004       0.004

       10               0.004        0.004       0.005

       11               0.004        0.004       0.006

       12               0.004        0.004       0.005

       13               0.004        0.004       0.005

       14               0.004        0.004       0.006

       15               0.003        0.004       0.005

       16               0.004        0.004       0.005

       17               0.002        0.004       0.005

       18               0.004        0.006       0.049

       19               0.004        0.004       0.011

       20               0.004        0.004       0.009

       21               0.004        0.004       0.007

       22               0.002        0.004       0.005

       23               0.003        0.004       0.004

       24               0.003        0.004       0.004

    SUMMARY             0.002        0.004       0.049
```

REOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 3 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.004	0.034
2	0.003	0.003	0.004
3	0.003	0.003	0.004
4	0.003	0.003	0.004
5	0.003	0.003	0.004
6	0.003	0.003	0.004
7	0.003	0.003	0.004
8	0.003	0.003	0.003
9	0.003	0.003	0.004
10	0.003	0.004	0.005
11	0.003	0.004	0.007
12	0.003	0.004	0.004
13	0.003	0.004	0.005
14	0.003	0.004	0.007
15	0.003	0.004	0.017
16	0.003	0.004	0.005
17	0.001	0.004	0.005
18	0.003	0.004	0.006
19	0.003	0.004	0.006
20	0.003	0.004	0.012
21	0.003	0.004	0.008
22	0.003	0.004	0.004
23	0.003	0.003	0.004
24	0.003	0.003	0.004
SUMMARY	0.001	0.004	0.034

```
          PROSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 3  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

     1               1.393         1.464       1.527

     2               1.392         1.470       1.571

     3               1.397         1.472       1.545

     4               1.405         1.469       1.546

     5               1.392         1.471       1.556

     6               1.390         1.473       1.547

     7               1.393         1.478       1.541

     8               1.383         1.463       1.520

     9               1.365         1.440       1.517

    10               1.369         1.425       1.525

    11               1.350         1.412       1.507

    12               1.333         1.397       1.466

    13               1.330         1.393       1.439

    14               1.331         1.395       1.481

    15               0.842         1.376       1.473

    16               1.316         1.389       1.436

    17               1.322         1.399       1.667

    18               1.336         1.400       1.500

    19               1.338         1.399       1.437

    20               1.348         1.410       1.479

    21               1.203         1.421       1.519

    22               1.076         1.433       1.547

    23               1.409         1.459       1.554

    24               1.388         1.462       1.552

  SUMMARY            0.842         1.432       1.667
```

RHOSP COMPOSITE DAY SUMMARY

METHANE: SITE 3 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.379	1.452	1.507
2	1.392	1.458	1.546
3	1.384	1.460	1.531
4	1.391	1.458	1.507
5	1.380	1.460	1.525
6	1.377	1.463	1.525
7	1.382	1.468	1.535
8	1.371	1.451	1.499
9	1.352	1.429	1.495
10	1.343	1.411	1.494
11	1.333	1.396	1.474
12	1.325	1.387	1.449
13	1.322	1.385	1.428
14	1.321	1.381	1.416
15	0.879	1.366	1.438
16	1.316	1.380	1.420
17	1.242	1.377	1.451
18	1.327	1.385	1.421
19	1.330	1.389	1.424
20	1.338	1.399	1.438
21	1.220	1.411	1.491
22	1.029	1.420	1.520
23	1.397	1.446	1.522
24	1.380	1.451	1.522
SUMMARY	0.879	1.420	1.546

```
           RBOSP   COMPOSITE DAY SUMMARY

    NITROGEN OXIDES: SITE 3  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

      1               0.001        0.004       0.009

      2               0.001        0.004       0.009

      3               0.001        0.004       0.010

      4               0.001        0.004       0.009

      5               0.001        0.004       0.010

      6               0.001        0.004       0.010

      7               0.001        0.004       0.009

      8               0.001        0.005       0.009

      9               0.002        0.006       0.009

     10               0.002        0.006       0.010

     11               0.002        0.006       0.010

     12               0.002        0.006       0.010

     13               0.002        0.006       0.011

     14               0.002        0.006       0.013

     15               0.002        0.006       0.013

     16               0.002        0.006       0.012

     17               0.001        0.005       0.011

     18               0.002        0.005       0.013

     19               0.002        0.005       0.016

     20               0.002        0.005       0.010

     21               0.002        0.005       0.009

     22               0.002        0.005       0.008

     23               0.001        0.004       0.010

     24               0.001        0.004       0.009

   SUMMARY            0.001        0.005       0.016
```

```
                  RROSP   COMPOSITE DAY SUMMARY

              NITRIC OXIDE: SITE 3  FOR   7/ 1/76  -   7/31/76
      HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

           1              0.001        0.003       0.007

           2              0.001        0.003       0.008

           3              0.001        0.003       0.008

           4              0.001        0.003       0.008

           5              0.001        0.003       0.008

           6              0.001        0.003       0.008

           7              0.001        0.004       0.008

           8              0.001        0.004       0.008

           9              0.002        0.005       0.008

          10              0.002        0.006       0.009

          11              0.002        0.006       0.009

          12              0.002        0.006       0.010

          13              0.002        0.005       0.010

          14              0.002        0.006       0.012

          15              0.002        0.005       0.012

          16              0.002        0.005       0.011

          17              0.001        0.005       0.011

          18              0.002        0.005       0.012

          19              0.002        0.005       0.011

          20              0.002        0.005       0.008

          21              0.002        0.005       0.008

          22              0.001        0.004       0.008

          23              0.001        0.003       0.008

          24              0.001        0.003       0.008

        SUMMARY           0.001        0.004       0.012
```

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          BROSP   COMPOSITE DAY SUMMARY

   CARBON MONOXIDE: SITE 3  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY          MINIMUM      MEAN      MAXIMUM

      1              0.092       0.335       0.572

      2              0.093       0.339       0.580

      3              0.095       0.351       0.634

      4              0.095       0.345       0.618

      5              0.091       0.339       0.609

      6              0.093       0.342       0.590

      7              0.098       0.343       0.567

      8              0.097       0.355       0.590

      9              0.095       0.352       0.570

     10              0.097       0.359       0.630

     11              0.090       0.359       0.816

     12              0.072       0.339       0.833

     13              0.058       0.314       0.810

     14              0.062       0.323       0.752

     15              0.080       0.299       0.704

     16              0.079       0.285       0.723

     17              0.077       0.280       0.687

     18              0.076       0.281       0.706

     19              0.068       0.286       0.635

     20              0.070       0.290       0.679

     21              0.072       0.312       0.614

     22              0.083       0.329       0.587

     23              0.086       0.344       0.612

     24              0.081       0.330       0.608

   SUMMARY           0.058       0.326       0.833
```

RAOSP COMPOSITE DAY SUMMARY

OZONE: SITE 3 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.017	0.030	0.045
2	0.016	0.030	0.052
3	0.011	0.028	0.055
4	0.012	0.027	0.048
5	0.009	0.026	0.047
6	0.005	0.026	0.052
7	0.008	0.025	0.043
8	0.013	0.029	0.044
9	0.005	0.037	0.053
10	0.029	0.045	0.056
11	0.036	0.049	0.060
12	0.041	0.052	0.062
13	0.037	0.053	0.063
14	0.022	0.052	0.067
15	0.046	0.053	0.068
16	0.044	0.052	0.067
17	0.044	0.052	0.066
18	0.037	0.052	0.063
19	0.040	0.051	0.061
20	0.029	0.047	0.061
21	0.028	0.039	0.059
22	0.027	0.036	0.050
23	0.022	0.034	0.050
24	0.020	0.033	0.051
SUMMARY	0.005	0.040	0.068

```
              R30SP   COMPOSITE DAY SUMMARY

         SULFUR DIOXIDE: SITE 3  FOR   8/ 1/76  -   8/31/76
    HOUR OF DAY         MINIMUM        MEAN      MAXIMUM

         1               0.002        0.003       0.004

         2               0.002        0.003       0.004

         3               0.002        0.003       0.004

         4               0.002        0.003       0.004

         5               0.002        0.003       0.004

         6               0.002        0.003       0.004

         7               0.002        0.003       0.004

         8               0.002        0.003       0.004

         9               0.002        0.003       0.004

        10               0.002        0.003       0.004

        11               0.002        0.003       0.005

        12               0.002        0.003       0.006

        13               0.002        0.003       0.005

        14               0.002        0.003       0.005

        15               0.002        0.003       0.006

        16               0.002        0.003       0.005

        17               0.002        0.003       0.005

        18               0.002        0.003       0.005

        19               0.002        0.003       0.005

        20               0.002        0.003       0.005

        21               0.002        0.003       0.004

        22               0.002        0.003       0.004

        23               0.002        0.003       0.004

        24               0.002        0.003       0.004

      SUMMARY            0.002        0.003       0.006
```

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 3 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.004
2	0.001	0.002	0.004
3	0.001	0.002	0.004
4	0.001	0.002	0.004
5	0.001	0.002	0.004
6	0.001	0.002	0.004
7	0.001	0.002	0.004
8	0.001	0.002	0.004
9	0.001	0.002	0.004
10	0.001	0.003	0.004
11	0.001	0.003	0.004
12	0.001	0.003	0.006
13	0.002	0.003	0.005
14	0.002	0.003	0.004
15	0.001	0.003	0.008
16	0.001	0.003	0.004
17	0.001	0.003	0.004
18	0.001	0.003	0.004
19	0.001	0.003	0.005
20	0.001	0.003	0.004
21	0.001	0.003	0.004
22	0.001	0.003	0.004
23	0.001	0.003	0.004
24	0.001	0.002	0.004
SUMMARY	0.001	0.003	0.008

```
          RROSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 3  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                1.413       1.458       1.550

     2                1.418       1.458       1.563

     3                1.372       1.457       1.565

     4                1.403       1.459       1.562

     5                1.403       1.460       1.565

     6                1.411       1.461       1.570

     7                1.423       1.464       1.584

     8                1.422       1.464       1.575

     9                1.395       1.445       1.536

    10                1.375       1.423       1.511

    11                1.363       1.407       1.489

    12                1.308       1.394       1.476

    13                1.355       1.393       1.476

    14                1.336       1.388       1.467

    15                1.347       1.387       1.462

    16                1.344       1.385       1.466

    17                1.337       1.385       1.465

    18                1.339       1.388       1.460

    19                1.357       1.399       1.490

    20                1.367       1.418       1.519

    21                1.388       1.433       1.547

    22                1.400       1.445       1.544

    23                1.404       1.455       1.552

    24                1.407       1.463       1.567

   SUMMARY            1.308       1.429       1.584
```

RAOSP COMPOSITE DAY SUMMARY

METHANE: SITE 3 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.409	1.451	1.529
2	1.411	1.452	1.548
3	1.411	1.454	1.546
4	1.410	1.453	1.543
5	1.405	1.455	1.544
6	1.413	1.456	1.544
7	1.422	1.460	1.549
8	1.425	1.458	1.544
9	1.402	1.438	1.513
10	1.379	1.417	1.489
11	1.371	1.402	1.469
12	1.305	1.390	1.458
13	1.361	1.389	1.452
14	1.336	1.385	1.448
15	1.351	1.382	1.439
16	1.352	1.381	1.442
17	1.350	1.382	1.444
18	1.351	1.386	1.441
19	1.361	1.395	1.464
20	1.366	1.411	1.494
21	1.388	1.428	1.517
22	1.398	1.439	1.511
23	1.405	1.448	1.529
24	1.407	1.453	1.540
SUMMARY	1.305	1.424	1.549

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES: SITE 3 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.000	0.002	0.003
2	0.000	0.002	0.003
3	0.000	0.002	0.003
4	0.000	0.002	0.004
5	0.000	0.002	0.003
6	0.000	0.002	0.003
7	0.000	0.002	0.003
8	0.001	0.002	0.003
9	0.001	0.002	0.003
10	0.001	0.002	0.003
11	0.002	0.003	0.010
12	0.001	0.003	0.008
13	0.002	0.003	0.004
14	0.001	0.002	0.003
15	0.001	0.003	0.006
16	0.001	0.002	0.004
17	0.001	0.002	0.005
18	0.001	0.002	0.004
19	0.001	0.002	0.005
20	0.001	0.002	0.004
21	0.001	0.002	0.003
22	0.001	0.002	0.003
23	0.000	0.002	0.003
24	0.000	0.002	0.003
SUMMARY	0.000	0.002	0.010

```
              RBOSP    COMPOSITE DAY SUMMARY

         NITRIC OXIDE: SITE 3   FOR   8/ 1/76  -  8/31/76
HOUR OF DAY           MINIMUM        MEAN       MAXIMUM

     1                 0.000         0.001       0.003

     2                 0.000         0.001       0.003

     3                 0.000         0.001       0.003

     4                 0.000         0.001       0.003

     5                 0.000         0.001       0.003

     6                 0.000         0.001       0.003

     7                 0.000         0.001       0.003

     8                 0.001         0.002       0.003

     9                 0.001         0.002       0.003

    10                 0.001         0.002       0.003

    11                 0.001         0.003       0.005

    12                 0.001         0.003       0.004

    13                 0.002         0.003       0.004

    14                 0.001         0.002       0.003

    15                 0.001         0.002       0.004

    16                 0.001         0.002       0.003

    17                 0.001         0.002       0.004

    18                 0.001         0.002       0.004

    19                 0.001         0.002       0.003

    20                 0.001         0.002       0.003

    21                 0.001         0.002       0.003

    22                 0.001         0.002       0.003

    23                 0.000         0.001       0.002

    24                 0.000         0.001       0.003

SUMMARY                0.000         0.002       0.005
```

```
             RROSP   COMPOSITE DAY SUMMARY

   CARBON MONOXIDE: SITE 3  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

      1               0.009         0.553        0.657

      2               0.013         0.553        0.656

      3               0.013         0.552        0.653

      4               0.013         0.552        0.650

      5               0.015         0.552        0.648

      6               0.011         0.551        0.652

      7               0.012         0.551        0.647

      8               0.008         0.555        0.649

      9               0.019         0.557        0.656

     10               0.023         0.553        0.657

     11               0.000         0.547        0.652

     12               0.015         0.559        0.645

     13               0.019         0.561        0.644

     14               0.012         0.560        0.635

     15               0.000         0.542        0.643

     16               0.000         0.536        0.638

     17               0.000         0.538        0.656

     18               0.000         0.540        0.656

     19               0.000         0.538        0.656

     20               0.000         0.543        0.656

     21               0.004         0.548        0.648

     22               0.001         0.549        0.654

     23               0.007         0.552        0.654

     24               0.007         0.551        0.659

   SUMMARY            0.000         0.550        0.659
```

```
          RAOSP   COMPOSITE DAY SUMMARY

            OZONE: SITE 3  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1               0.011        0.023       0.040

     2               0.010        0.022       0.036

     3               0.008        0.021       0.032

     4               0.006        0.019       0.033

     5               0.006        0.020       0.035

     6               0.007        0.019       0.036

     7               0.007        0.018       0.036

     8               0.010        0.022       0.032

     9               0.014        0.030       0.044

    10               0.019        0.037       0.053

    11               0.023        0.042       0.054

    12               0.033        0.045       0.060

    13               0.035        0.046       0.060

    14               0.035        0.046       0.057

    15               0.035        0.046       0.058

    16               0.034        0.046       0.061

    17               0.020        0.045       0.061

    18               0.022        0.045       0.058

    19               0.029        0.044       0.055

    20               0.026        0.037       0.053

    21               0.022        0.030       0.043

    22               0.015        0.028       0.046

    23               0.013        0.027       0.045

    24               0.008        0.024       0.041

  SUMMARY            0.006        0.033       0.061
```

```
          PHOSP   COMPOSITE DAY SUMMARY

     SULFUR DIOXIDE: SITE 3  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

      1               0.002         0.004       0.034

      2               0.002         0.004       0.007

      3               0.002         0.004       0.007

      4               0.002         0.004       0.007

      5               0.002         0.004       0.008

      6               0.002         0.004       0.008

      7               0.002         0.004       0.008

      8               0.002         0.003       0.009

      9               0.002         0.004       0.008

     10               0.002         0.004       0.009

     11               0.002         0.004       0.010

     12               0.002         0.004       0.009

     13               0.002         0.004       0.009

     14               0.002         0.004       0.010

     15               0.002         0.004       0.009

     16               0.002         0.004       0.009

     17               0.002         0.004       0.010

     18               0.002         0.005       0.049

     19               0.002         0.004       0.011

     20               0.002         0.004       0.009

     21               0.002         0.004       0.009

     22               0.002         0.004       0.008

     23               0.002         0.004       0.008

     24               0.002         0.004       0.008

   SUMMARY            0.002         0.004       0.049
```

```
             RBOSP   COMPOSITE DAY SUMMARY

   HYDROGEN SULFIDE: SITE 3  FOR   6/ 1/76  -   8/31/76
 HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

       1               0.001        0.003       0.034

       2               0.001        0.003       0.005

       3               0.001        0.003       0.005

       4               0.001        0.003       0.005

       5               0.001        0.003       0.005

       6               0.001        0.003       0.005

       7               0.001        0.003       0.006

       8               0.001        0.003       0.006

       9               0.001        0.003       0.006

      10               0.001        0.003       0.007

      11               0.001        0.004       0.008

      12               0.001        0.004       0.007

      13               0.002        0.004       0.006

      14               0.002        0.004       0.007

      15               0.001        0.004       0.017

      16               0.001        0.004       0.007

      17               0.001        0.004       0.007

      18               0.001        0.004       0.008

      19               0.001        0.004       0.007

      20               0.001        0.004       0.012

      21               0.001        0.004       0.008

      22               0.001        0.003       0.006

      23               0.001        0.003       0.005

      24               0.001        0.003       0.005

    SUMMARY            0.001        0.003       0.034
```

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 3 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.393	1.464	1.550
2	1.392	1.466	1.593
3	1.372	1.466	1.623
4	1.386	1.464	1.587
5	1.392	1.466	1.578
6	1.390	1.468	1.594
7	1.393	1.475	1.585
8	1.383	1.468	1.577
9	1.365	1.448	1.540
10	1.369	1.428	1.525
11	1.350	1.414	1.507
12	1.308	1.401	1.484
13	1.330	1.399	1.476
14	1.331	1.396	1.481
15	0.842	1.389	1.478
16	1.316	1.394	1.476
17	1.296	1.394	1.667
18	1.295	1.396	1.500
19	1.093	1.398	1.490
20	1.125	1.412	1.519
21	1.203	1.431	1.548
22	1.076	1.443	1.587
23	1.330	1.456	1.559
24	1.388	1.464	1.567
SUMMARY	0.842	1.434	1.667

```
                RAOS2   COMPOSITE DAY SUMMARY

                METHANE: SITE 5  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

     1                1.379        1.452       1.529

     2                1.382        1.454       1.572

     3                1.384        1.456       1.608

     4                1.379        1.454       1.573

     5                1.380        1.456       1.575

     6                1.377        1.457       1.566

     7                1.382        1.463       1.563

     8                1.371        1.455       1.555

     9                1.352        1.436       1.527

    10                1.343        1.416       1.494

    11                1.333        1.401       1.474

    12                1.305        1.391       1.464

    13                1.322        1.389       1.452

    14                1.321        1.385       1.448

    15                0.879        1.378       1.450

    16                1.316        1.333       1.453

    17                1.242        1.381       1.451

    18                1.296        1.385       1.441

    19                1.081        1.387       1.464

    20                1.088        1.400       1.494

    21                1.220        1.419       1.517

    22                1.020        1.431       1.570

    23                1.329        1.445       1.537

    24                1.380        1.451       1.540

 SUMMARY              0.879        1.423       1.608
```

```
           RROSP   COMPOSITE DAY SUMMARY

   NITROGEN OXIDES: SITE 3  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

      1              0.000        0.003      0.009

      2              0.000        0.003      0.009

      3              0.000        0.002      0.010

      4              0.000        0.002      0.009

      5              0.000        0.002      0.010

      6              0.000        0.002      0.010

      7              0.000        0.005      0.009

      8              0.001        0.003      0.009

      9              0.001        0.004      0.009

     10              0.001        0.004      0.010

     11              0.002        0.004      0.010

     12              0.001        0.004      0.010

     13              0.002        0.004      0.011

     14              0.001        0.004      0.013

     15              0.001        0.004      0.013

     16              0.001        0.004      0.012

     17              0.001        0.004      0.011

     18              0.001        0.004      0.013

     19              0.001        0.004      0.016

     20              0.001        0.004      0.010

     21              0.001        0.004      0.009

     22              0.001        0.003      0.008

     23              0.000        0.003      0.010

     24              0.000        0.003      0.009

   SUMMARY           0.000        0.003      0.016
```

```
                 RECSP   COMPOSITE DAY SUMMARY

             NITRIC OXIDE: SITE 3  FOR   6/ 1/76  -   8/31/76
   HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

        1              0.000        0.002       0.007

        2              0.000        0.002       0.008

        3              0.000        0.002       0.008

        4              0.000        0.002       0.008

        5              0.000        0.002       0.008

        6              0.000        0.002       0.008

        7              0.000        0.002       0.008

        8              0.001        0.003       0.008

        9              0.001        0.003       0.008

       10              0.001        0.004       0.009

       11              0.001        0.004       0.009

       12              0.001        0.004       0.010

       13              0.002        0.004       0.010

       14              0.001        0.004       0.012

       15              0.001        0.004       0.012

       16              0.001        0.004       0.011

       17              0.001        0.003       0.011

       18              0.001        0.003       0.012

       19              0.001        0.003       0.011

       20              0.001        0.003       0.008

       21              0.001        0.003       0.008

       22              0.001        0.003       0.008

       23              0.000        0.002       0.008

       24              0.000        0.002       0.008

     SUMMARY           0.000        0.003       0.012
```

R3OSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE: SITE 3 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.000	0.416	1.167
2	0.000	0.419	1.189
3	0.000	0.418	1.161
4	0.000	0.417	1.176
5	0.000	0.413	1.163
6	0.000	0.412	1.144
7	0.000	0.415	1.166
8	0.000	0.433	1.193
9	0.000	0.448	1.211
10	0.000	0.452	1.302
11	0.000	0.451	1.216
12	0.000	0.456	1.239
13	0.000	0.452	1.265
14	0.000	0.447	1.196
15	0.000	0.436	1.126
16	0.000	0.422	1.001
17	0.000	0.408	1.001
18	0.000	0.405	1.091
19	0.000	0.398	1.082
20	0.000	0.403	1.072
21	0.000	0.413	1.093
22	0.000	0.417	1.091
23	0.000	0.421	1.153
24	0.000	0.416	1.199
SUMMARY	0.000	0.424	1.302

```
                 RROSP   COMPOSITE DAY SUMMARY

                 OZONE: SITE 3  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY           MINIMUM        MEAN       MAXIMUM

     1                0.011          0.027       0.061

     2                0.010          0.026       0.064

     3                0.008          0.024       0.055

     4                0.006          0.023       0.048

     5                0.006          0.022       0.047

     6                0.005          0.022       0.052

     7                0.007          0.022       0.043

     8                0.010          0.026       0.044

     9                0.005          0.034       0.053

    10                0.019          0.041       0.056

    11                0.023          0.045       0.060

    12                0.033          0.048       0.062

    13                0.035          0.049       0.063

    14                0.022          0.049       0.067

    15                0.035          0.049       0.068

    16                0.034          0.049       0.067

    17                0.020          0.048       0.066

    18                0.022          0.048       0.063

    19                0.029          0.047       0.061

    20                0.026          0.043       0.061

    21                0.022          0.034       0.059

    22                0.015          0.032       0.050

    23                0.013          0.030       0.054

    24                0.008          0.029       0.051

  SUMMARY             0.005          0.036       0.068
```

A.2.4

COMPOSITE DAY SUMMARIES FOR SITE 4
SUMMER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)

```
          RROSP   COMPOSITE DAY SUMMARY

     SULFUR DIOXIDE: SITE 4  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                0.002        0.003        0.003

     2                0.002        0.003        0.003

     3                0.002        0.003        0.003

     4                0.002        0.003        0.003

     5                0.002        0.003        0.003

     6                0.002        0.003        0.003

     7                0.002        0.003        0.003

     8                0.002        0.003        0.003

     9                0.002        0.003        0.003

    10                0.002        0.003        0.015

    11                0.002        0.003        0.004

    12                0.002        0.003        0.005

    13                0.002        0.003        0.003

    14                0.002        0.003        0.003

    15                0.002        0.003        0.003

    16                0.002        0.003        0.003

    17                0.002        0.002        0.003

    18                0.002        0.003        0.003

    19                0.002        0.003        0.003

    20                0.002        0.003        0.003

    21                0.002        0.003        0.004

    22                0.002        0.003        0.003

    23                0.002        0.003        0.003

    24                0.002        0.003        0.003

  SUMMARY             0.002        0.003        0.015
```

```
          RHOSP    COMPOSITE DAY SUMMARY

   HYDROGEN SULFIDE: SITE 4   FOR    6/ 1/76   -   6/30/76
HOUR OF DAY          MINIMUM        MEAN       MAXIMUM

     1                0.001         0.002        0.003

     2                0.001         0.002        0.003

     3                0.001         0.002        0.003

     4                0.001         0.002        0.003

     5                0.001         0.002        0.003

     6                0.001         0.002        0.003

     7                0.001         0.002        0.003

     8                0.001         0.002        0.003

     9                0.001         0.002        0.003

    10                0.001         0.002        0.015

    11                0.001         0.002        0.004

    12                0.001         0.002        0.004

    13                0.001         0.002        0.003

    14                0.001         0.001        0.002

    15                0.001         0.001        0.002

    16                0.001         0.001        0.003

    17                0.001         0.001        0.003

    18                0.001         0.002        0.003

    19                0.001         0.002        0.003

    20                0.001         0.002        0.003

    21                0.001         0.002        0.003

    22                0.001         0.002        0.003

    23                0.001         0.002        0.003

    24                0.001         0.002        0.002

  SUMMARY             0.001         0.002        0.015
```

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 4 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.394	1.489	1.567
2	1.393	1.491	1.560
3	1.383	1.493	1.572
4	1.405	1.496	1.565
5	1.397	1.494	1.561
6	1.390	1.495	1.574
7	1.432	1.503	1.573
8	1.393	1.494	1.562
9	1.364	1.485	1.555
10	1.296	1.469	1.537
11	1.322	1.459	1.535
12	1.324	1.451	1.525
13	1.317	1.439	1.505
14	1.312	1.435	1.508
15	1.311	1.433	1.496
16	1.310	1.433	1.491
17	1.307	1.428	1.481
18	1.302	1.423	1.483
19	1.313	1.427	1.516
20	1.320	1.431	1.496
21	1.330	1.442	1.537
22	1.337	1.459	1.562
23	1.359	1.474	1.539
24	1.358	1.481	1.560
SUMMARY	1.296	1.465	1.574

RPOSP COMPOSITE DAY SUMMARY

METHANE: SITE 4 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.381	1.460	1.519
2	1.379	1.463	1.516
3	1.375	1.465	1.520
4	1.390	1.466	1.514
5	1.387	1.466	1.518
6	1.382	1.467	1.532
7	1.385	1.471	1.546
8	1.375	1.464	1.514
9	1.367	1.456	1.532
10	1.361	1.443	1.500
11	1.354	1.432	1.486
12	1.346	1.427	1.495
13	1.331	1.415	1.471
14	1.336	1.413	1.462
15	1.332	1.412	1.460
16	1.328	1.410	1.452
17	1.329	1.406	1.451
18	1.324	1.402	1.444
19	1.334	1.405	1.474
20	1.339	1.410	1.470
21	1.344	1.419	1.479
22	1.300	1.432	1.523
23	1.282	1.440	1.518
24	1.300	1.449	1.509
SUMMARY	1.282	1.438	1.546

```
          RBOSP   COMPOSITE DAY SUMMARY

     SULFUR DIOXIDE: SITE 4  FOR   7/ 1/76  -   7/31/76
 HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

      1              0.001       0.002       0.003

      2              0.001       0.002       0.003

      3              0.001       0.002       0.003

      4              0.001       0.002       0.003

      5              0.001       0.002       0.003

      6              0.001       0.002       0.003

      7              0.001       0.002       0.003

      8              0.001       0.002       0.003

      9              0.001       0.002       0.003

     10              0.001       0.002       0.002

     11              0.001       0.003       0.020

     12              0.001       0.002       0.005

     13              0.001       0.002       0.003

     14              0.001       0.003       0.016

     15              0.001       0.002       0.009

     16              0.001       0.002       0.005

     17              0.001       0.002       0.003

     18              0.001       0.002       0.003

     19              0.000       0.002       0.003

     20              0.001       0.002       0.003

     21              0.001       0.002       0.003

     22              0.001       0.002       0.003

     23              0.001       0.002       0.003

     24              0.001       0.002       0.003

   SUMMARY           0.000       0.002       0.020
```

RHOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 4 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.003
2	0.001	0.002	0.003
3	0.001	0.002	0.003
4	0.001	0.002	0.003
5	0.001	0.002	0.003
6	0.001	0.002	0.003
7	0.001	0.002	0.003
8	0.001	0.002	0.003
9	0.001	0.002	0.003
10	0.001	0.002	0.003
11	0.001	0.003	0.021
12	0.001	0.002	0.005
13	0.001	0.002	0.003
14	0.001	0.003	0.016
15	0.001	0.003	0.009
16	0.001	0.002	0.005
17	0.001	0.002	0.003
18	0.001	0.002	0.003
19	0.001	0.002	0.003
20	0.001	0.002	0.003
21	0.001	0.002	0.004
22	0.001	0.002	0.003
23	0.001	0.002	0.003
24	0.001	0.002	0.003
SUMMARY	0.001	0.002	0.021

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 4 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.322	1.439	1.523
2	1.323	1.440	1.511
3	1.324	1.438	1.506
4	1.330	1.440	1.511
5	1.330	1.440	1.505
6	1.323	1.439	1.501
7	1.329	1.442	1.501
8	1.323	1.446	1.514
9	1.312	1.440	1.518
10	1.304	1.432	1.534
11	1.294	1.425	1.539
12	1.284	1.412	1.516
13	1.277	1.406	1.487
14	1.277	1.398	1.471
15	1.281	1.405	1.513
16	1.281	1.405	1.507
17	1.281	1.405	1.535
18	1.280	1.408	1.531
19	1.284	1.411	1.516
20	1.274	1.415	1.497
21	1.295	1.422	1.494
22	1.297	1.434	1.528
23	1.309	1.442	1.545
24	1.316	1.443	1.540
SUMMARY	1.274	1.426	1.545

RHOSP COMPOSITE DAY SUMMARY

METHANE: SITE 4 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.342	1.414	1.489
2	1.341	1.414	1.475
3	1.111	1.401	1.474
4	1.343	1.413	1.475
5	1.345	1.414	1.475
6	1.346	1.414	1.474
7	1.350	1.415	1.475
8	1.352	1.420	1.480
9	1.343	1.416	1.478
10	1.338	1.409	1.489
11	1.331	1.402	1.494
12	1.314	1.394	1.477
13	1.306	1.387	1.455
14	1.305	1.382	1.443
15	1.306	1.384	1.450
16	1.302	1.385	1.447
17	1.301	1.383	1.432
18	1.303	1.387	1.470
19	1.305	1.388	1.474
20	1.310	1.390	1.463
21	1.327	1.394	1.460
22	1.328	1.406	1.491
23	1.335	1.414	1.503
24	1.337	1.414	1.502
SUMMARY	1.111	1.401	1.503

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE: SITE 4 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.003	0.009
2	0.002	0.004	0.013
3	0.002	0.004	0.026
4	0.002	0.005	0.027
5	0.002	0.005	0.027
6	0.002	0.005	0.032
7	0.002	0.006	0.035
8	0.002	0.004	0.021
9	0.002	0.003	0.005
10	0.002	0.002	0.003
11	0.002	0.002	0.003
12	0.002	0.004	0.021
13	0.002	0.007	0.033
14	0.002	0.007	0.034
15	0.002	0.007	0.036
16	0.002	0.006	0.039
17	0.002	0.008	0.046
18	0.002	0.007	0.044
19	0.002	0.005	0.035
20	0.002	0.004	0.032
21	0.002	0.002	0.007
22	0.002	0.002	0.003
23	0.002	0.002	0.006
24	0.002	0.002	0.007
SUMMARY	0.002	0.004	0.046

```
                RBOSP   COMPOSITE DAY SUMMARY

  HYDROGEN SULFIDE: SITE 4  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

      1             0.002        0.003       0.009

      2             0.003        0.004       0.014

      3             0.002        0.005       0.025

      4             0.002        0.005       0.027

      5             0.002        0.006       0.027

      6             0.002        0.005       0.032

      7             0.002        0.006       0.034

      8             0.002        0.005       0.020

      9             0.002        0.003       0.005

     10             0.002        0.003       0.003

     11             0.002        0.003       0.005

     12             0.002        0.004       0.021

     13             0.002        0.007       0.032

     14             0.002        0.007       0.034

     15             0.002        0.007       0.036

     16             0.002        0.007       0.038

     17             0.002        0.008       0.045

     18             0.002        0.007       0.044

     19             0.002        0.006       0.034

     20             0.002        0.004       0.032

     21             0.002        0.003       0.008

     22             0.002        0.003       0.004

     23             0.003        0.003       0.006

     24             0.002        0.003       0.005

  SUMMARY           0.002        0.005       0.045
```

```
            RBOSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 4  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM      MEAN      MAXIMUM

      1              1.365       1.458       1.699

      2              1.368       1.450       1.546

      3              1.367       1.448       1.538

      4              1.355       1.449       1.553

      5              1.358       1.449       1.545

      6              1.365       1.448       1.542

      7              1.368       1.452       1.534

      8              1.368       1.456       1.535

      9              1.368       1.459       1.563

     10              1.359       1.451       1.564

     11              1.349       1.438       1.579

     12              1.361       1.430       1.509

     13              1.356       1.414       1.479

     14              1.356       1.409       1.475

     15              1.345       1.407       1.459

     16              1.341       1.405       1.464

     17              1.347       1.403       1.457

     18              1.346       1.404       1.453

     19              1.359       1.406       1.449

     20              1.359       1.411       1.462

     21              1.368       1.423       1.491

     22              1.368       1.440       1.550

     23              1.368       1.447       1.557

     24              1.368       1.449       1.527

   SUMMARY           1.341       1.433       1.699
```

BBOSP COMPOSITE DAY SUMMARY

METHANE: SITE 4 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.337	1.415	1.485
2	1.331	1.414	1.484
3	1.324	1.413	1.490
4	1.312	1.413	1.494
5	1.312	1.414	1.491
6	1.321	1.413	1.487
7	1.334	1.416	1.481
8	1.339	1.420	1.485
9	1.336	1.422	1.493
10	1.321	1.415	1.504
11	1.310	1.406	1.515
12	1.311	1.396	1.461
13	1.307	1.384	1.454
14	1.306	1.381	1.443
15	1.306	1.379	1.438
16	1.305	1.378	1.433
17	1.301	1.376	1.431
18	1.283	1.375	1.432
19	1.308	1.380	1.424
20	1.312	1.385	1.435
21	1.322	1.395	1.452
22	1.330	1.409	1.481
23	1.336	1.412	1.482
24	1.336	1.414	1.484
SUMMARY	1.283	1.401	1.515

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE: SITE 4 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.003	0.009
2	0.001	0.003	0.013
3	0.001	0.003	0.026
4	0.001	0.003	0.027
5	0.001	0.003	0.027
6	0.001	0.003	0.032
7	0.001	0.004	0.035
8	0.001	0.003	0.021
9	0.001	0.002	0.005
10	0.001	0.002	0.015
11	0.001	0.003	0.030
12	0.001	0.003	0.021
13	0.001	0.004	0.033
14	0.001	0.004	0.034
15	0.001	0.004	0.036
16	0.001	0.004	0.039
17	0.001	0.004	0.046
18	0.001	0.004	0.044
19	0.000	0.003	0.035
20	0.001	0.003	0.032
21	0.001	0.002	0.007
22	0.001	0.002	0.003
23	0.001	0.002	0.006
24	0.001	0.002	0.007
SUMMARY	0.000	0.003	0.046

RROSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE: SITE 4 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.003	0.009
2	0.001	0.003	0.014
3	0.001	0.003	0.025
4	0.001	0.003	0.027
5	0.001	0.003	0.027
6	0.001	0.003	0.032
7	0.001	0.004	0.034
8	0.001	0.003	0.020
9	0.001	0.002	0.005
10	0.001	0.002	0.015
11	0.001	0.003	0.021
12	0.001	0.003	0.021
13	0.001	0.004	0.032
14	0.001	0.004	0.034
15	0.001	0.004	0.036
16	0.001	0.004	0.038
17	0.001	0.004	0.045
18	0.001	0.004	0.044
19	0.001	0.003	0.034
20	0.001	0.003	0.032
21	0.001	0.002	0.008
22	0.001	0.002	0.004
23	0.001	0.002	0.006
24	0.001	0.002	0.008
SUMMARY	0.001	0.003	0.045

```
          RBOSP   COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS: SITE 4  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1               1.322        1.463       1.699

     2               1.323        1.461       1.560

     3               1.324        1.460       1.572

     4               1.330        1.462       1.565

     5               1.330        1.462       1.561

     6               1.328        1.461       1.574

     7               1.329        1.466       1.573

     8               1.323        1.466       1.562

     9               1.312        1.462       1.563

    10               1.296        1.451       1.564

    11               1.294        1.441       1.579

    12               1.284        1.431       1.525

    13               1.277        1.419       1.505

    14               1.277        1.414       1.508

    15               1.281        1.415       1.513

    16               1.281        1.414       1.507

    17               1.281        1.411       1.535

    18               1.280        1.411       1.531

    19               1.284        1.414       1.516

    20               1.274        1.418       1.497

    21               1.295        1.429       1.537

    22               1.297        1.445       1.562

    23               1.309        1.454       1.557

    24               1.316        1.458       1.560

  SUMMARY            1.274        1.441       1.699
```

```
                    RAPS    COMPOSITE DAY SUMMARY

                   METHANE: SITE 4   FOR   6/ 1/76   -   8/31/76
HOUR OF DAY              MINIMUM        MEAN       MAXIMUM

     1                    1.337         1.430       1.519

     2                    1.331         1.431       1.516

     3                    1.111         1.427       1.520

     4                    1.312         1.431       1.514

     5                    1.312         1.432       1.518

     6                    1.321         1.432       1.532

     7                    1.334         1.435       1.546

     8                    1.339         1.435       1.514

     9                    1.336         1.431       1.532

    10                    1.321         1.422       1.504

    11                    1.310         1.414       1.515

    12                    1.311         1.405       1.495

    13                    1.306         1.395       1.471

    14                    1.315         1.391       1.462

    15                    1.306         1.391       1.460

    16                    1.302         1.391       1.452

    17                    1.301         1.388       1.451

    18                    1.283         1.387       1.470

    19                    1.305         1.390       1.474

    20                    1.310         1.394       1.470

    21                    1.322         1.403       1.479

    22                    1.300         1.416       1.523

    23                    1.282         1.422       1.518

    24                    1.300         1.426       1.509

SUMMARY                   1.111         1.413       1.546
```

SECTION A.3

AIR QUALITY DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS SUMMER 1976

A.3-1 to A.3-2

AIR QUALITY DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

JUNE 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	97.5	97.8	97.6	97.6
H_2S	97.5	97.8	97.6	97.6
THC	98.0	97.8	97.6	93.6
CH_4	98.0	97.8	97.6	93.6
NO_x	98.0		97.6	
NO	98.0		97.6	
CO	97.8		97.6	
O_3	97.8		97.6	

JULY 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	85.8	85.9	86.1	85.1
H_2S	85.8	85.9	86.1	85.1
THC	85.1	85.2	86.0	85.4
CH_4	85.1	85.2	86.0	85.4
NO_x	85.2		86.2	
NO	85.2		86.2	
CO	85.6		70.8	
O_3	85.9		86.2	

AUGUST 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	100.0	100.0	100.0	100.0
H_2S	100.0	100.0	100.0	100.0
THC	93.1	100.0	100.0	100.0
CH_4	93.1	100.0	100.0	100.0
NO_x	100.0		100.0	
NO	100.0		100.0	
CO	100.0		100.0	
O_3	100.0		100.0	

NOTE: Percentage values are adjusted for calibration or Force Majeure outages. Values represent the percent of time continously monitored parameters were measured.

SO_2	Sulfur Dioxide Concentration
H_2S	Hydrogen Sulfide Concentration
THC	Total Reactive Hydrocarbons Concentration
CH_4	Methane Concentration
NO_x	Total Nitrogen Oxides Concentration
NO	Nitric Oxide Concentration
CO	Carbon Monoxide Concentration
O_3	Ozone Concentration

2.2 Meteorology

2.2 METEOROLOGY

According to the environmental lease stipulation, the . . . "Lessee shall establish a meteorological station in reasonable proximity to each proposed plant site to monitor, at least 95% of the time over each lease year during which monitoring is required, wind direction and speed (vane and anemometer) at three levels, one at least 100 feet above the surface of the plant site, one at approximately 30 feet above the surface of the plant site, and one at an intermediate level, and temperature at two levels, one at least 100 feet above the surface of the plant site, and one at approximately 30 feet above the surface of the plant site, and humidity at one level. The Lessee shall maintain records of all baseline data collection and monitoring programs."

The above describes the minimum meteorological monitoring at the proposed plant site. The RBOSP has met these minimum requirements.

The RBOSP meteorological data acquisition system is integrated into the network described in Section 2.1. It includes instrument towers at Sites 1, 2, 3, and 4. Data transmission from the remote sites and recording methods are similar to those utilized in the air quality studies, i.e., hard copy reports are provided hourly, and continuous analog records are made for each parameter.

The Central Station is located at Site 1, which has a 60-m meteorological tower. Wind speed, wind direction, air temperature and relative humidity are measured at the 10-m level. Ambient temperature, wind speed, and wind direction are measured at the 30- and 60-m levels, and the temperature differences between the 10- and 60-m levels are recorded. Additionally, precipitation and solar radiation are monitored at ground level at Site 1.

All meteorological parameters are measured continuously. The data are averaged during the last 15 minutes of each hour and entered into the computer file.

The following parameters are not part of the automatic data acquisition system, but are monitored routinely or seasonally at Site 1:

- Evaporation rate
- Snow depth and water content
- Particulates
- Visibility

At each of remote Sites 2, 3, and 4 there is a 10-m meteorological tower. Wind speed, wind direction, and ambient air temperature are measured at the 10-m level. Particulates and precipitation are also measured at these sites.

A seasonal upper air study measuring winds and temperatures to an elevation of 13,000 feet above MSL is scheduled over Tract C-a. These studies, performed by manually tracking pilot balloons with a theodolite and aircraft-mounted temperature sensors, provide basic information on the mean mixing layer height above Tract C-a. However, no upper air studies were performed this quarter.

Tracer diffusion studies designed to track dispersion of the tracer material in the lower atmosphere to evaluate modeling predictions and lead to a better understanding of terrain effects are scheduled to be conducted in October 1976. Ambient noise level measurements have been taken for the first and second year of baseline monitoring.

All the data obtained are used to define the baseline atmospheric conditions and for application in the appropriate diffusion models used to predict and minimize the effects of shale oil operations on ambient air quality.

The baseline meteorological program is established at two lower atmospheric levels, referred to in this report as lower air studies and upper air studies. The lower air studies include data obtained from the four station network; the upper air studies involve obtaining data on the winds aloft and vertical temperature profiles. Upper air studies are performed on a seasonal basis. Upper air measurements are performed during the baseline study period concurrently with tracer studies. Studied which provide useful information but do not fall into these categories are: precipitation, evaporation, solar radiation, noise, snow course, and visibility (discussed under Miscellaneous, Section 2.2.3).

The Summer 1976 quarter (season), as used in this section, is defined as June 1, 1976 through August 31, 1976.

2.2.1 Lower Air Studies

Lower air studies refer to the meteorological data acquired from the four station ground networks and include wind speed, direction, and air temperature at 10 m above the surface at all four monitoring sites. Relative humidity at 10 m, and wind speed, wind direction, and air temperature at 30 and 60 m above the surface at the main monitoring site are also included.

2.2.1.3 Results

The 1976 Summer season and monthly summaries of the minimum, maximum, and mean values of the meteorological parameters measured at each site are presented in Tables 2.2-1 through 2.2-4. The composite hour as illustrated in Figure 2.2-1, for example, is the mean of the data taken during a particular hour of the day for all days of the indicated period. A composite day defines the minimum, maximum, and mean values for 24 composite hours of the period indicated. The minimum and maximum listed are the individual hourly averages which are greater than or less than all other hourly averages. A complete listing of hourly averages is presented in Appendix B, Section B.1.

Summaries for each hour of the day (composite day summaries) for all meteorological parameters are presented in Appendix B, Section B.2. Data recovery percentages are presented in Section B.7.

2.2.1.3.1 Wind Data

The prevailing 10-m level wind at Site 1 was from the west southwest and the prevailing 10-m level wind at Site 2 was from the southwest during Summer 1976.

The mean wind speeds were 7.90 mph at Site 1 and 9.35 mph at Site 2. Although Sites 1 and 2 are at about the same elevation (7,400 feet above MSL) the local terrain at Site 2 is relatively flatter than at Site 1. The Site 2 monitoring location is the highest point within a radius of approximately 1 km. The 10-m level of the main meteorological tower at Site 1 is approximately 50 m lower than the elevation of several knolls within several hundred meters. The increased terrain influence at Site 1 is probably responsible for the lower mean wind speed.

Mean wind speeds at Site 3 and 4 for the Summer 1976 period were 7.46 and 6.67 mph, respectively. Sites 3 and 4, below plateau levels, are situated in the approximate centers of Corral Gulch and Yellow Creek Gulch at elevations of 6,570 and 6,280 feet above MSL. Corral Gulch is oriented in a west to east direction. Yellow Creek Gulch is oriented in a south-southwest to north-northwest direction.

The diurnal variation of mean wind speed for each site is shown in Figures 2.2-1 to 2.2-6. Mean wind speeds are on the average 4 to 7 mph higher during daytime hours than the nighttime hours with Site 4 showing the largest variation. The 60-m level has about a 7 mph higher wind speed during the day than at night.

Table 2.2-1. Meteorological parameters, monthly summary for June, 1976, RBOSP.[1/]

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	1.23	24.54	8.70
Wind Speed (30 m)	mph	1.11	30.70	10.33
Wind Speed (60 m)	mph	1.21	33.28	12.27
Wind Direction Sigma (10 m)	degrees	1.62	28.55	12.84
Air Temperature (10 m)	C	-5.30	27.01	15.27
Air Temperature (30 m)	C	-3.78	27.07	15.27
Temperature Difference (10-60 m)	C	-2.59	3.11	0.08
Relative Humidity (10 m)	%	14.99	32.94	27.28
SITE 2				
Wind Speed (10 m)	mph	0.90	31.30	10.22
Air Temperature (10 m)	C	-4.24	26.86	15.26
SITE 3				
Wind Speed (10 m)	mph	1.36	24.26	8.19
Air Temperature (10 m)	C	-7.08	29.75	14.55
SITE 4				
Wind Speed (10 m)	mph	1.00	26.04	7.53
Air Temperature (10 m)	C	-8.00	31.36	14.76

[1/] Values presented are based upon hourly averages.

Table 2.2-2. Meteorological parameters, monthly summary for July, 1976, RBOSP.[1/]

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	1.06	24.29	7.11
Wind Speed (30 m)	mph	0.98	28.85	8.13
Wind Speed (60 m)	mph	0.90	32.06	9.30
Wind Direction Sigma (10 m)	degrees	1.91	29.31	12.79
Air Temperature (10 m)	C	11.36	29.73	21.06
Air Temperature (30 m)	C	11.06	29.06	21.11
Temperature Difference (10-60 m)	C	-3.01	7.43	0.14
Relative Humidity (10 m)	%	13.10	80.07	20.89
SITE 2				
Wind Speed (10 m)	mph	0.99	25.83	8.03
Air Temperature (10 m)	C	11.08	29.40	20.97
SITE 3				
Wind Speed (10 m)	mph	1.30	20.00	6.58
Air Temperature (10 m)	C	6.15	32.11	20.51
SITE 4				
Wind Speed (10 m)	mph	0.93	18.90	5.52
Air Temperature (10 m)	C	2.21	33.36	20.55

[1/] Values presented are based upon hourly averages.

Table 2.2-3. Meteorological parameters, monthly summary for August, 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	1.23	28.47	7.80
Wind Speed (30 m)	mph	1.00	36.25	9.22
Wind Speed (60 m)	mph	0.97	40.69	10.83
Wind Direction Sigma (10 m)	degrees	1.05	31.05	12.96
Air Temperature (10 m)	C	8.40	26.52	18.20
Air Temperature (30 m)	C	8.59	25.34	17.96
Temperature Difference (10-60 m)	C	-2.86	4.72	0.11
Relative Humidity (10 m)	%	13.64	74.12	19.22
SITE 2				
Wind Speed (10 m)	mph	1.69	39.20	9.69
Air Temperature (10 m)	C	7.72	25.94	17.88
SITE 3				
Wind Speed (10 m)	mph	1.42	25.52	7.53
Air Temperature (10 m)	C	3.96	28.71	16.93
SITE 4				
Wind Speed (10 m)	mph	1.03	27.05	6.82
Air Temperature (10 m)	C	-1.00	29.88	17.14

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[1] Values presented are based upon hourly averages.

Table 2.2-4. Meteorological parameters, seasonal summary for Summer, 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Mean
SITE 1				
Wind Speed (10 m)	mph	1.06	28.47	7.90
Wind Speed (30 m)	mph	0.98	36.25	9.26
Wind Speed (60 m)	mph	0.90	40.69	10.85
Wind Direction Sigma (10 m)	degrees	1.05	31.05	12.87
Air Temperature (10 m)	C	-5.30	29.73	18.09
Air Temperature (30 m)	C	-3.78	29.06	18.02
Temperature Difference (10-60 m)	C	-3.01	7.43	0.11
Relative Humidity (10 m)	%	13.10	82.94	22.45
SITE 2				
Wind Speed (10 m)	mph	0.90	39.20	9.35
Air Temperature (10 m)	C	-4.24	29.40	17.94
SITE 3				
Wind Speed (10 m)	mph	1.30	25.52	7.46
Air Temperature (10 m)	C	-7.08	32.11	17.23
SITE 4				
Wind Speed (10 m)	mph	0.93	27.05	6.67
Air Temperature (10 m)	C	-8.00	33.36	17.37

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[1] Values presented are based upon hourly averages.

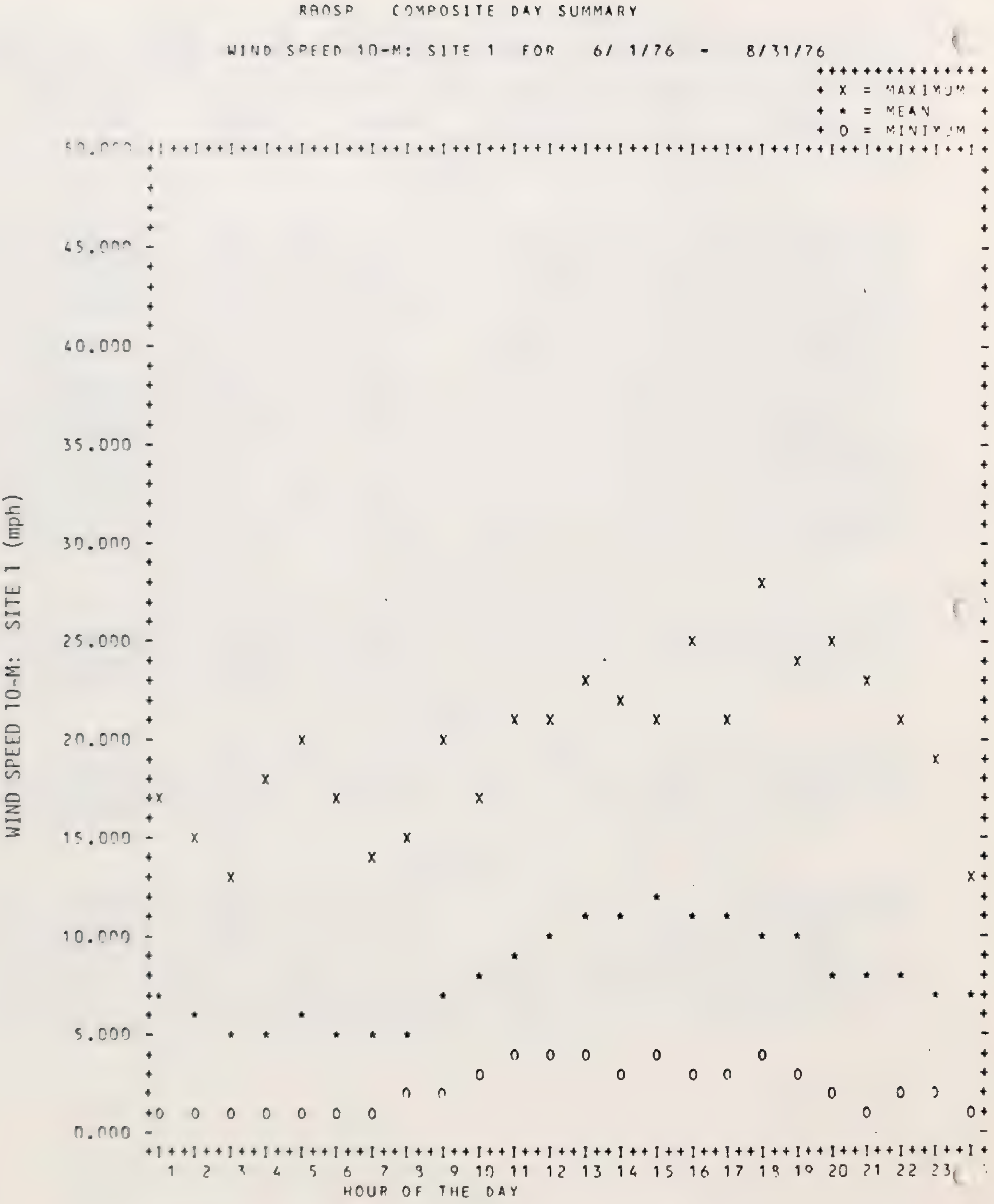


Figure 2.2-1. Wind Speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

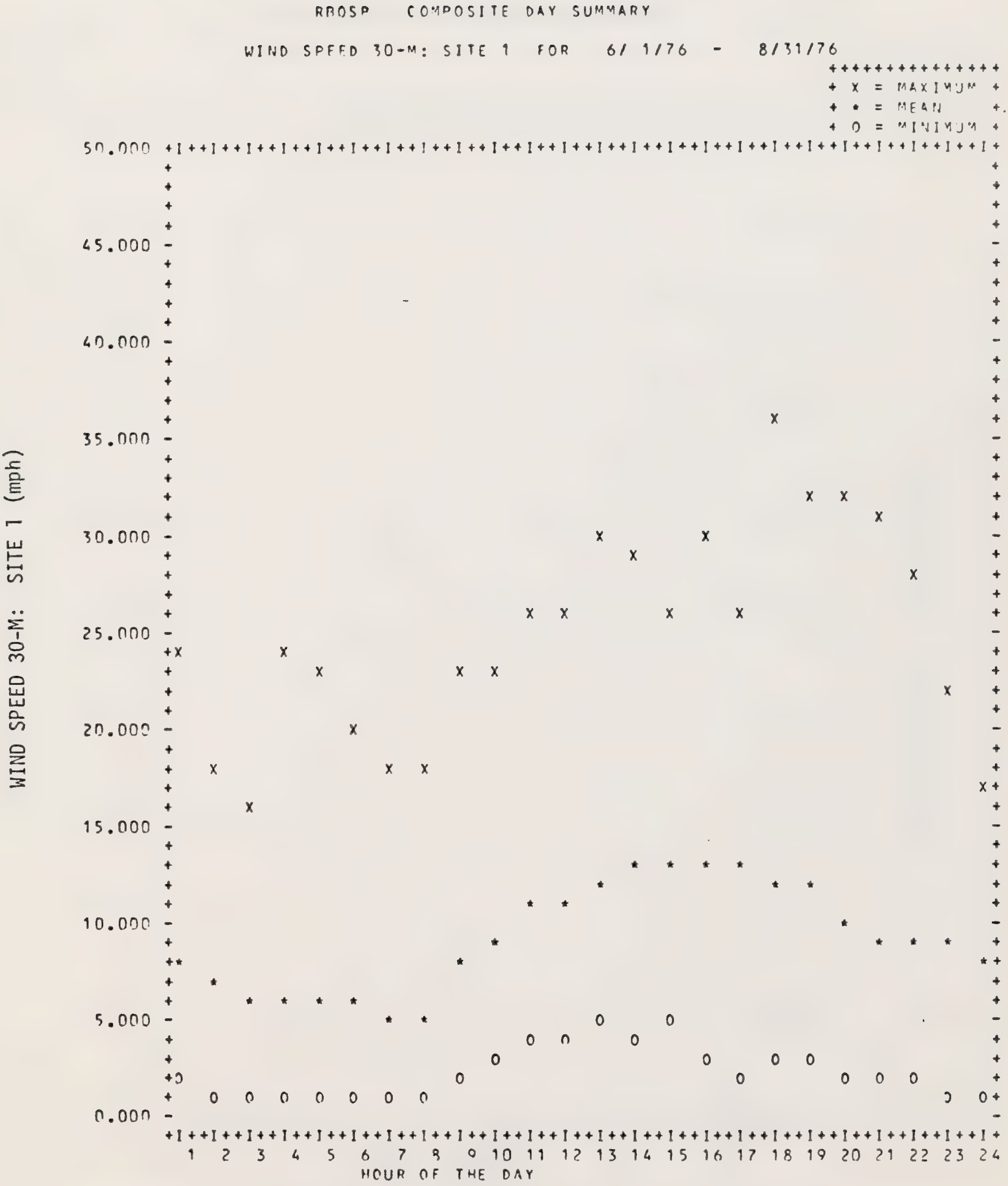


Figure 2.2-2. Wind Speed, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

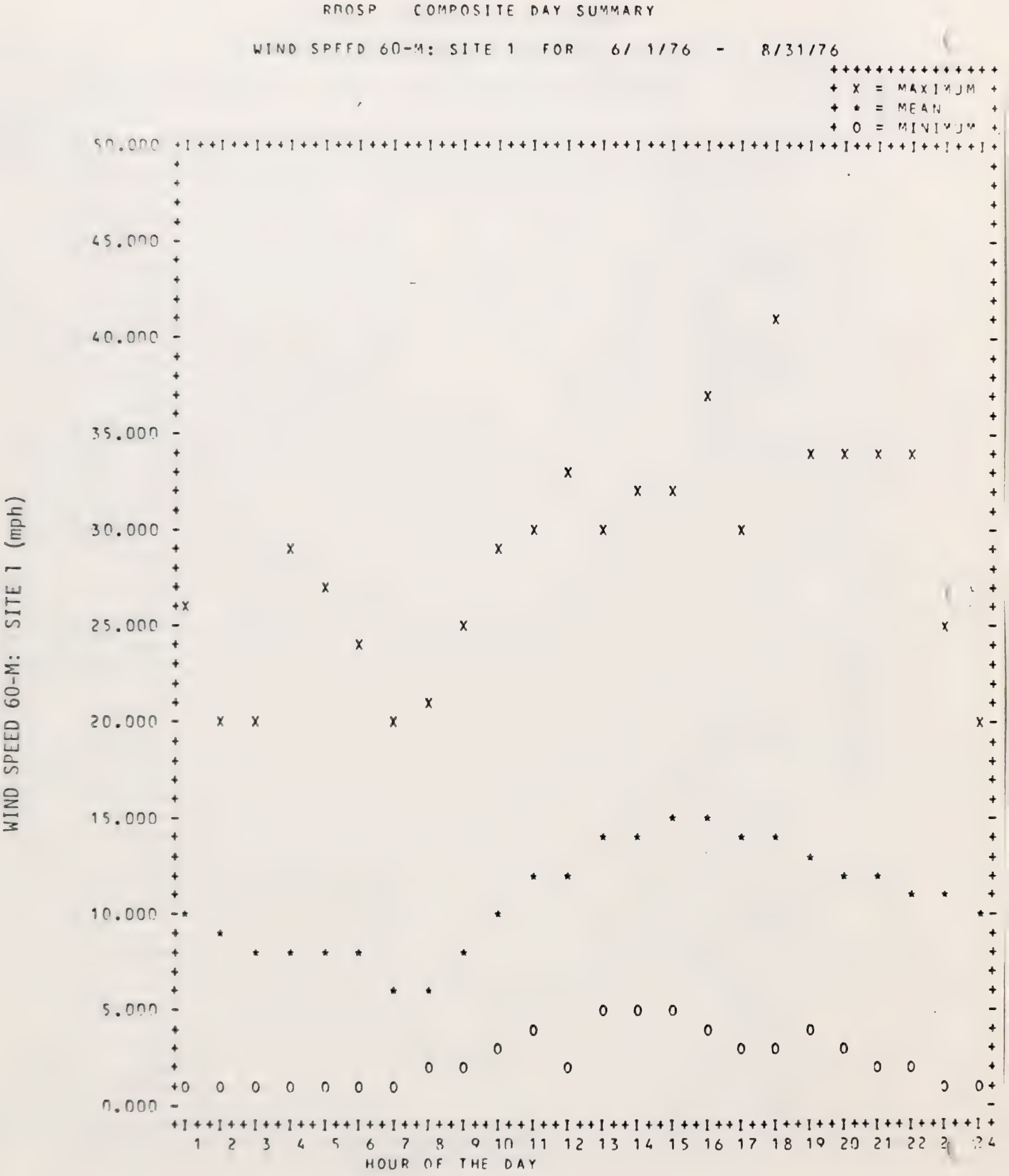
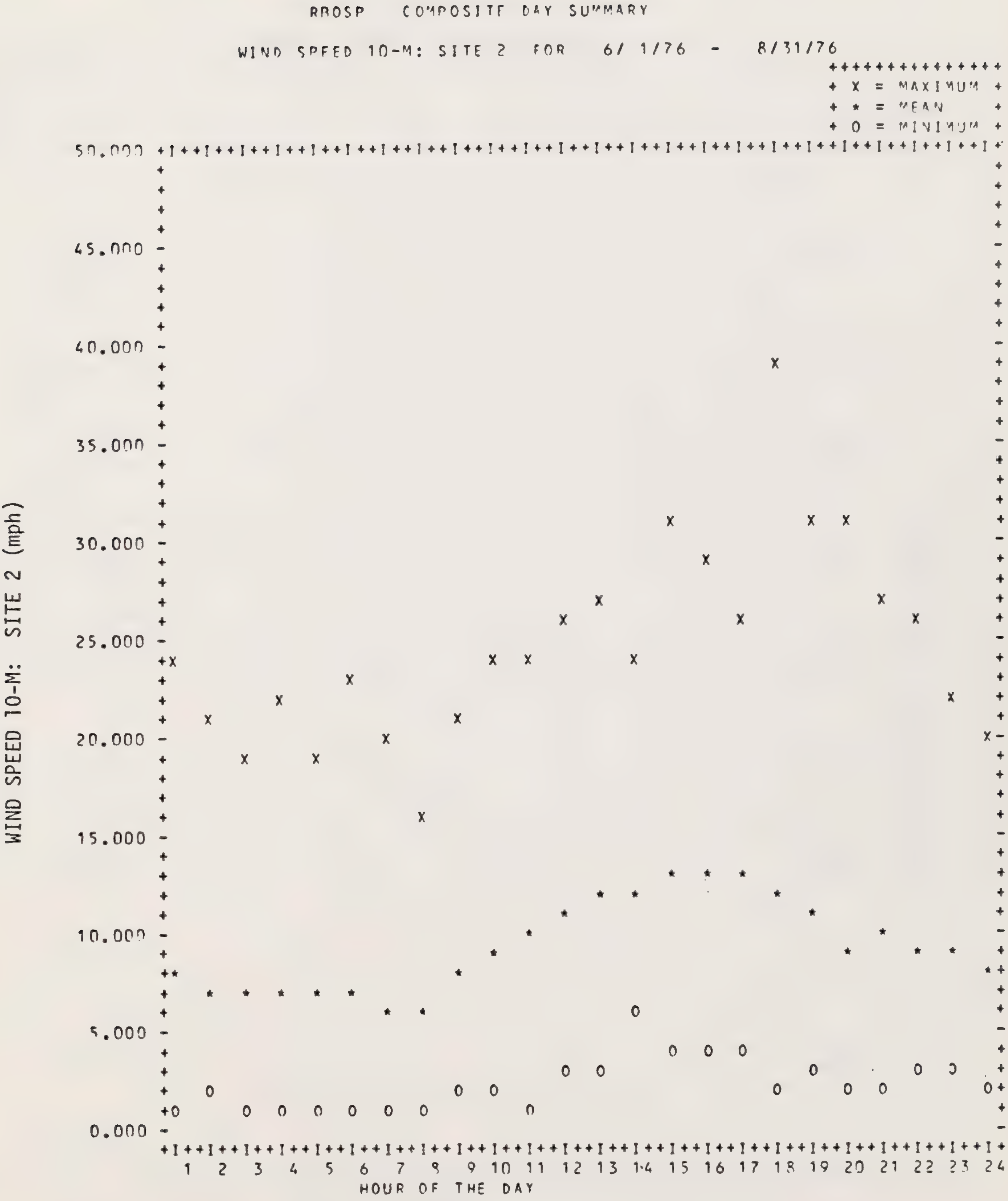


Figure 2.2-3. Wind Speed, 60-m level (minimum, maxiumu, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.



RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 6/ 1/76 - 8/31/76

Figure 2.2-4. Wind Speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 2, RBOSP.

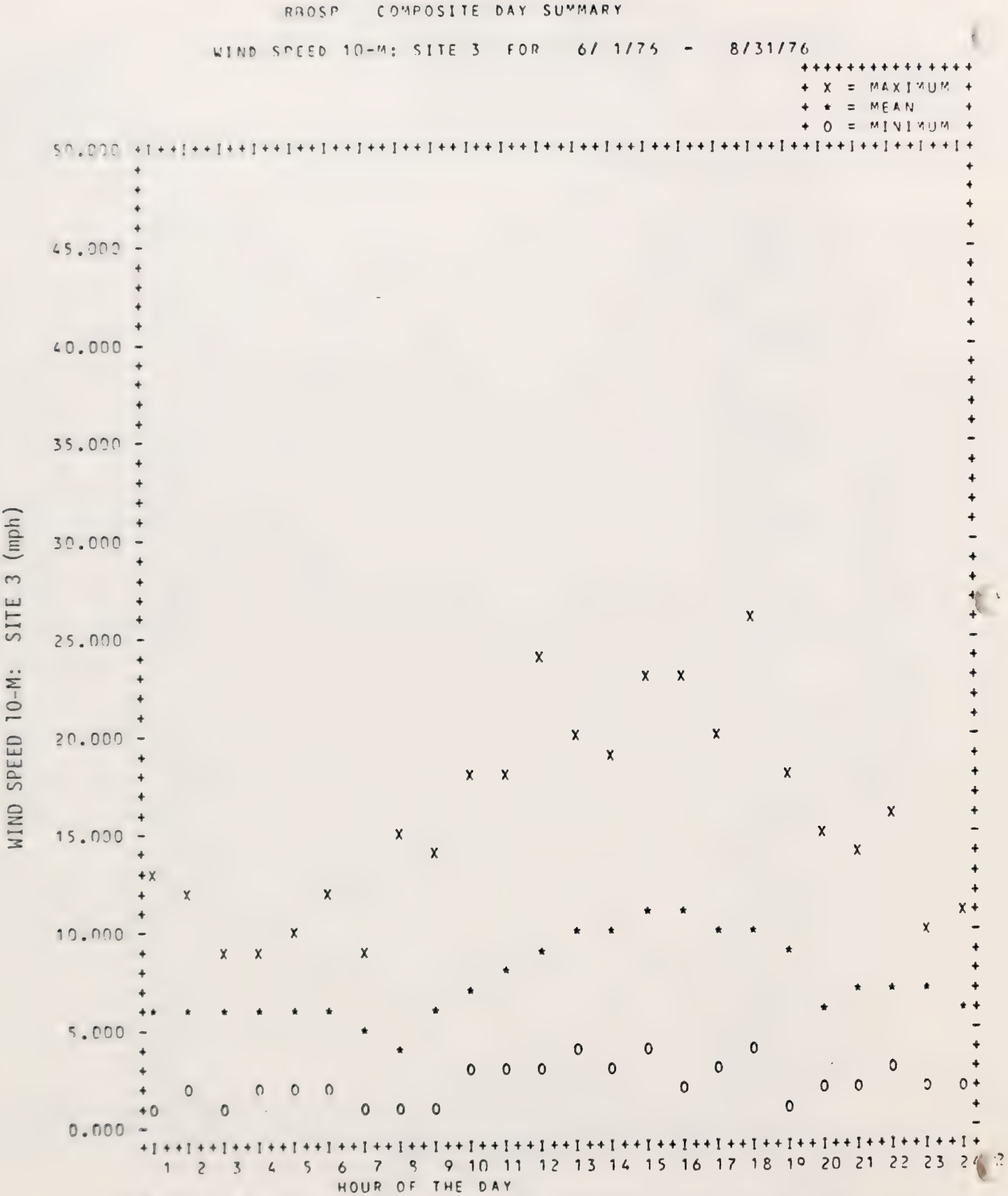


Figure 2.2-5. Wind Speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 3, RBOSP.

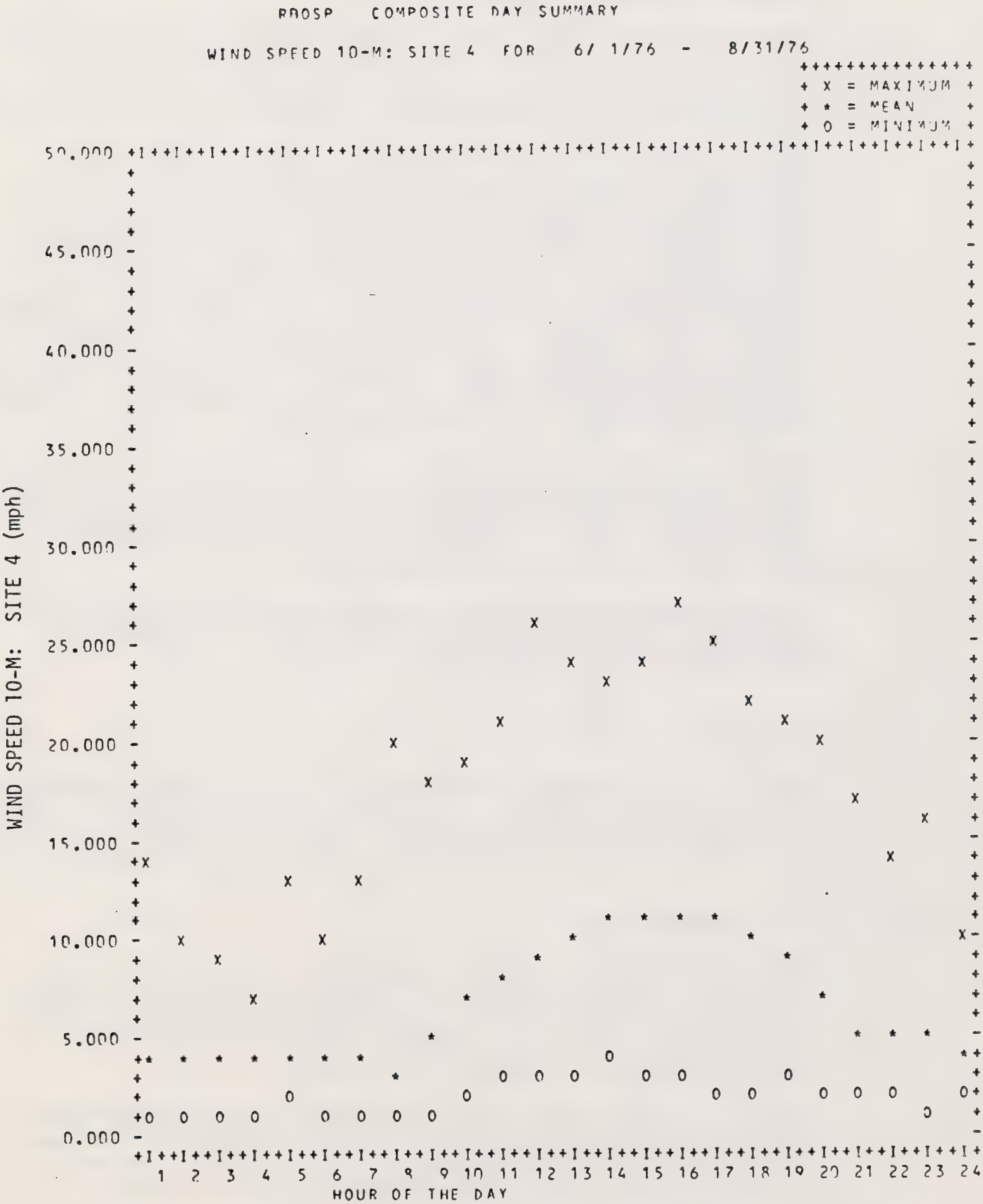


Figure 2.2-6. Wind Speed, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 4, RBOSP.

The diurnal variation of the wind direction sigma at the 10-m level for Site 1 is shown in Figure 2.2-7.

Wind rose data for Summer 1976 are presented for all four monitoring stations in Figure 2.2-8. The percent of occurrence of each wind class can be obtained from the number scale on each wind rose plot or from the wind rose data summaries in Appendix B, Section B.3 or B.4.

Wind rose data (10-m level) from Sites 1 and 2 are comparable. The reduced frequency of occurrence of southwest winds relative to south-southwest and west-southwest winds at Site 1 as compared to Site 2 is probably caused by the influence from a small knoll about 200 m southwest of Site 1. Extreme terrain-induced wind channeling effects exist at Sites 3 and 4. Winds at Site 3 are predominantly from the west and west northwest, which is in agreement with the westerly course of Corral Gulch. The predominant winds at Site 4 are from the southwest and west southwest, corresponding closely to the orientation of Stake Springs Draw and Yellow Creek. In addition to the terrain-induced channeling of the gradient winds at Site 3 and 4, valley drainage flows probably contribute significantly to the direction of winds.

The term gradient wind is used here to describe wind flows resulting from a pressure difference between two points at the same elevation, while the term valley drainage flow is used to describe the winds resulting from radiative cooling of the near surface layers of air which produce a subsiding, down-slope flow.

A least squares fit to the mean seasonal wind speed as a function of height at the 60-m tower (Site 1) was done to investigate the applicability of the logarithmic wind profiles:

$$\overline{u} = \frac{u^*}{K} \ln \left(\frac{Z}{Z_0}\right)$$

where Z_0 is the roughness parameter, K is the von Karman constant, and u^* is the friction velocity. The summer seasonal data fit the logarithmic wind profile to a high degree of confidence (coefficient of determination, $r^2 = 0.970$) with $u^*/K = 1.61$ mph, $Z_0 = 7.9$ cm, and Z = height above ground.

2.2.1.3.2 Air Temperature Data

The minimum, maximum, and mean values of air temperature for each of the four sites and temperature difference at Site 1 as a function of the hour of the day for the summer season are plotted in Figures 2.2-9 through 2.2-14. These figures illustrate the composite day summaries given in Appendix B, Section B.2.

The valley sites (3 and 4) have a much larger diurnal temperature variation than the plateau sites (1 and 2). The intensity of the cold portion of the composite days at Sites 3 and 4, in relation to that at Sites 1 and 2, is much greater. This is probably

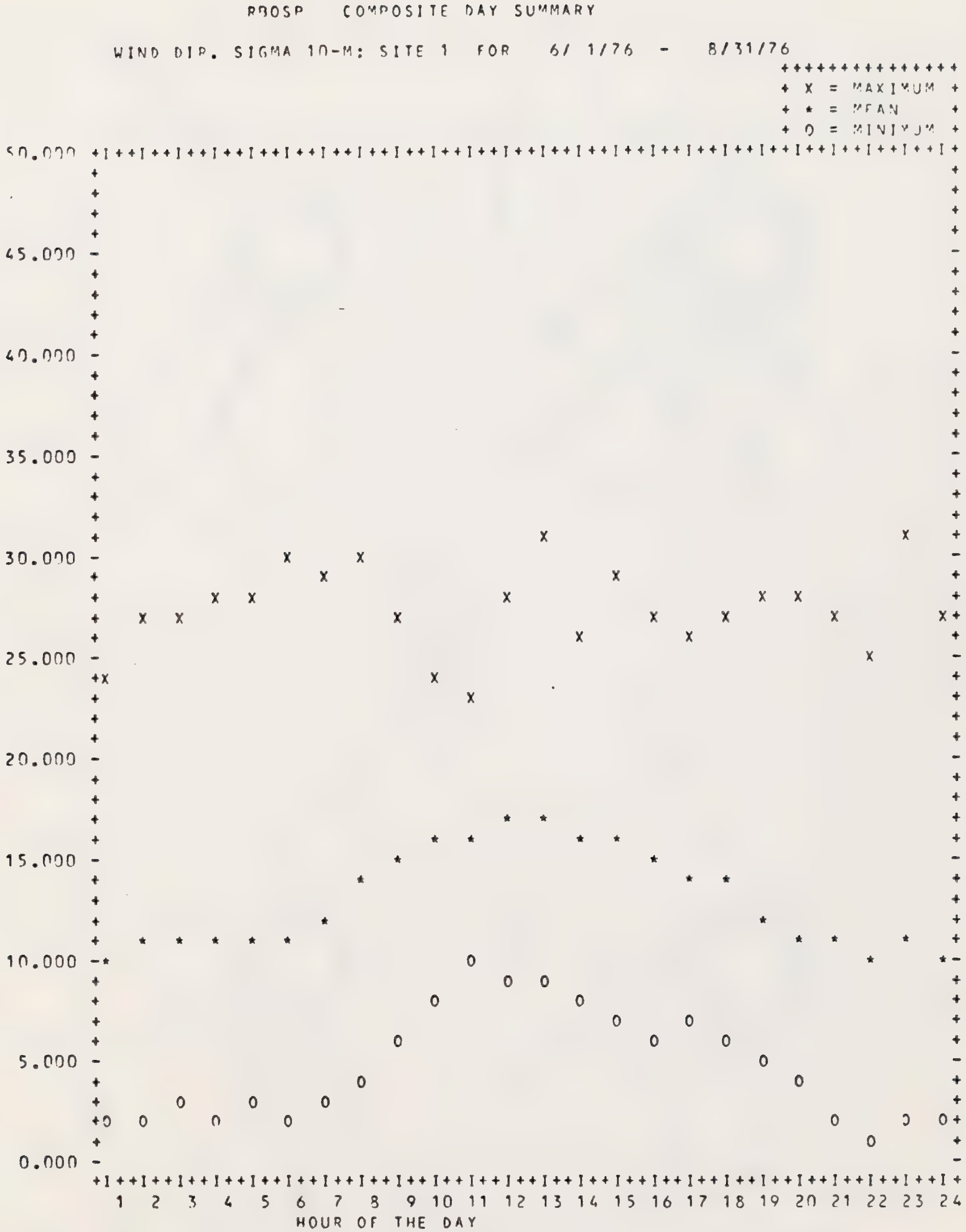


Figure 2.2-7. Wind Direction Sigma, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

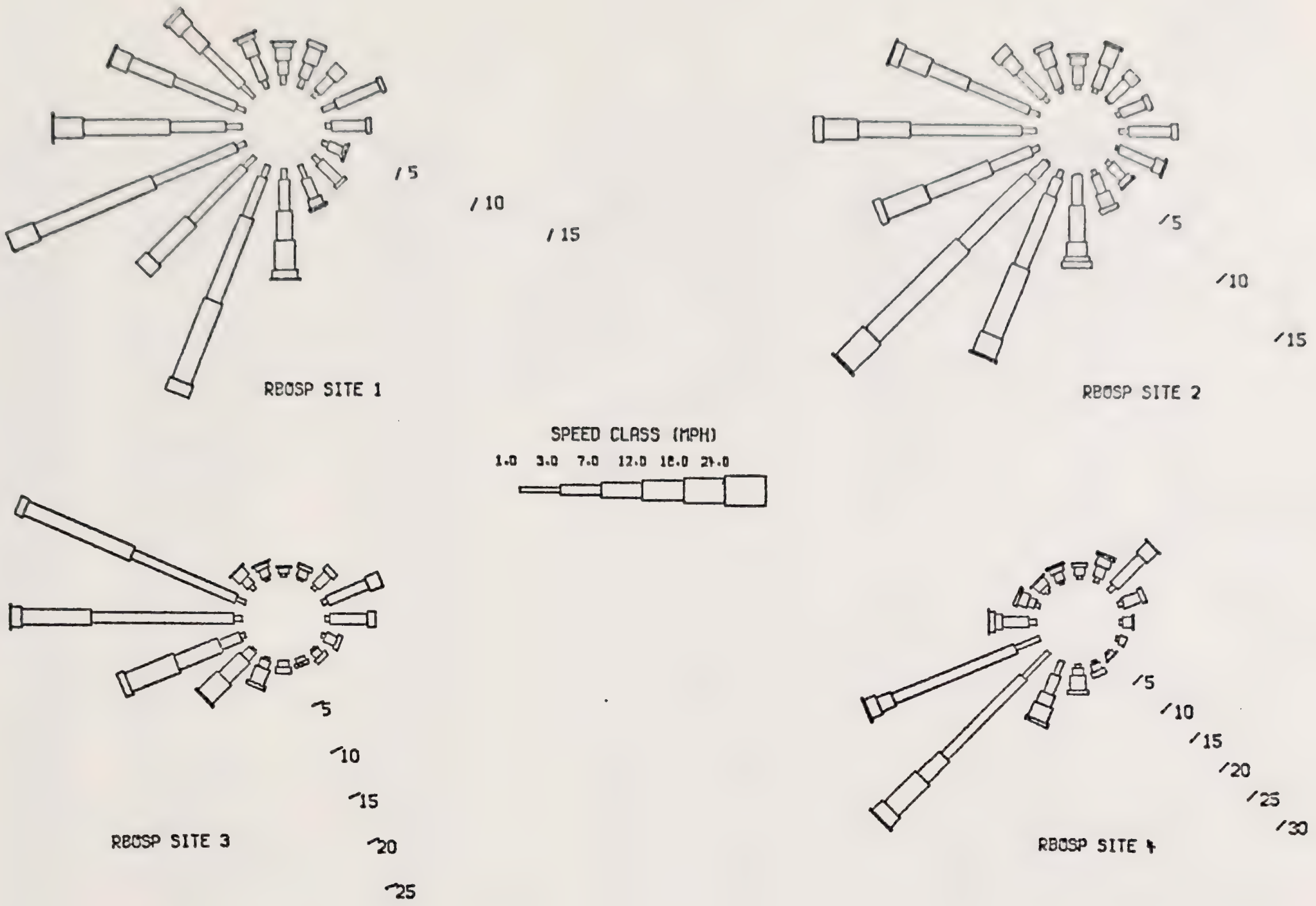


Figure 2.2-8. Wind roses for the 10-m level for Summer 1976 at Sites 1, 2, 3, and 4, RBOSP.

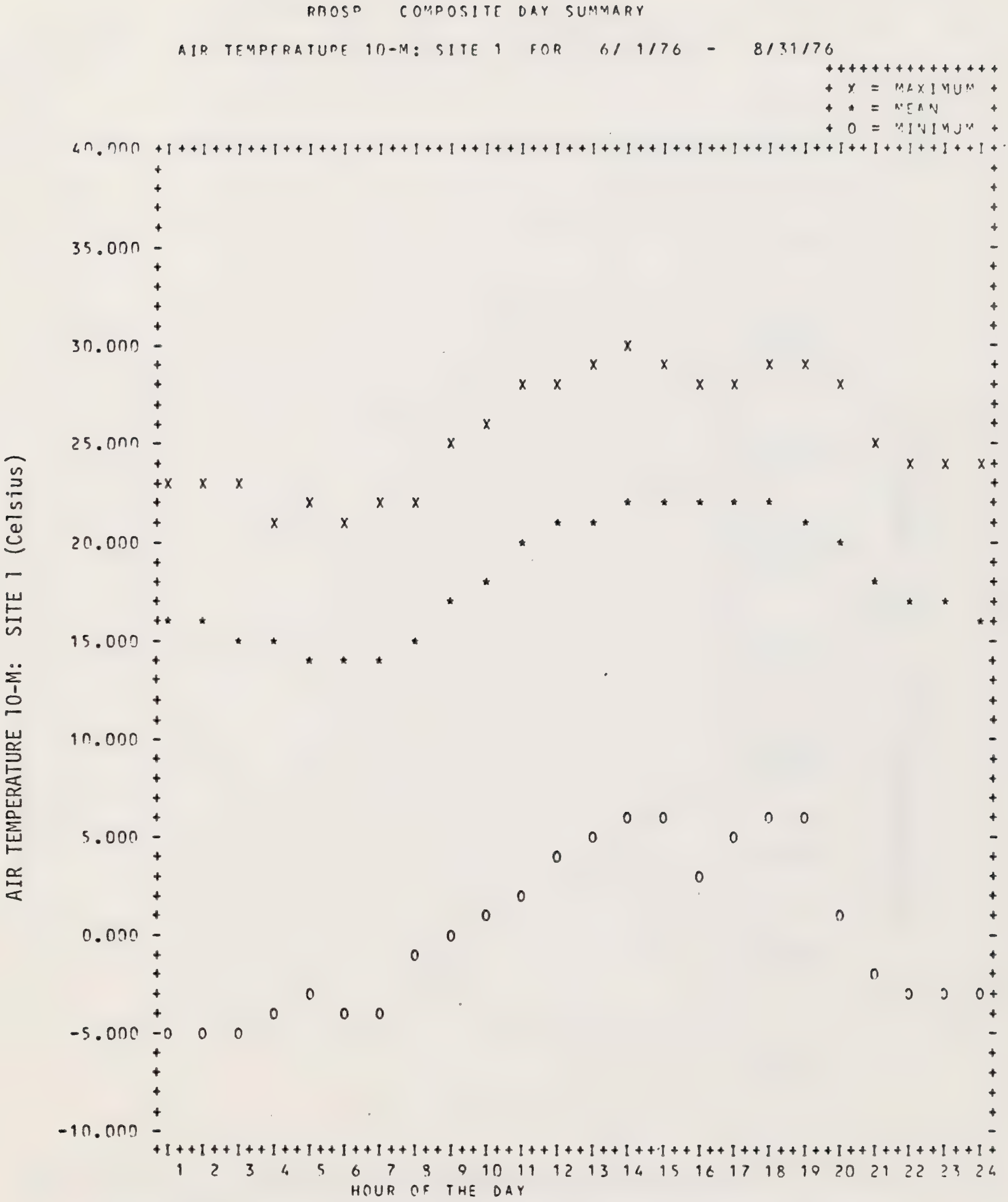


Figure 2.2-9. Air Temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

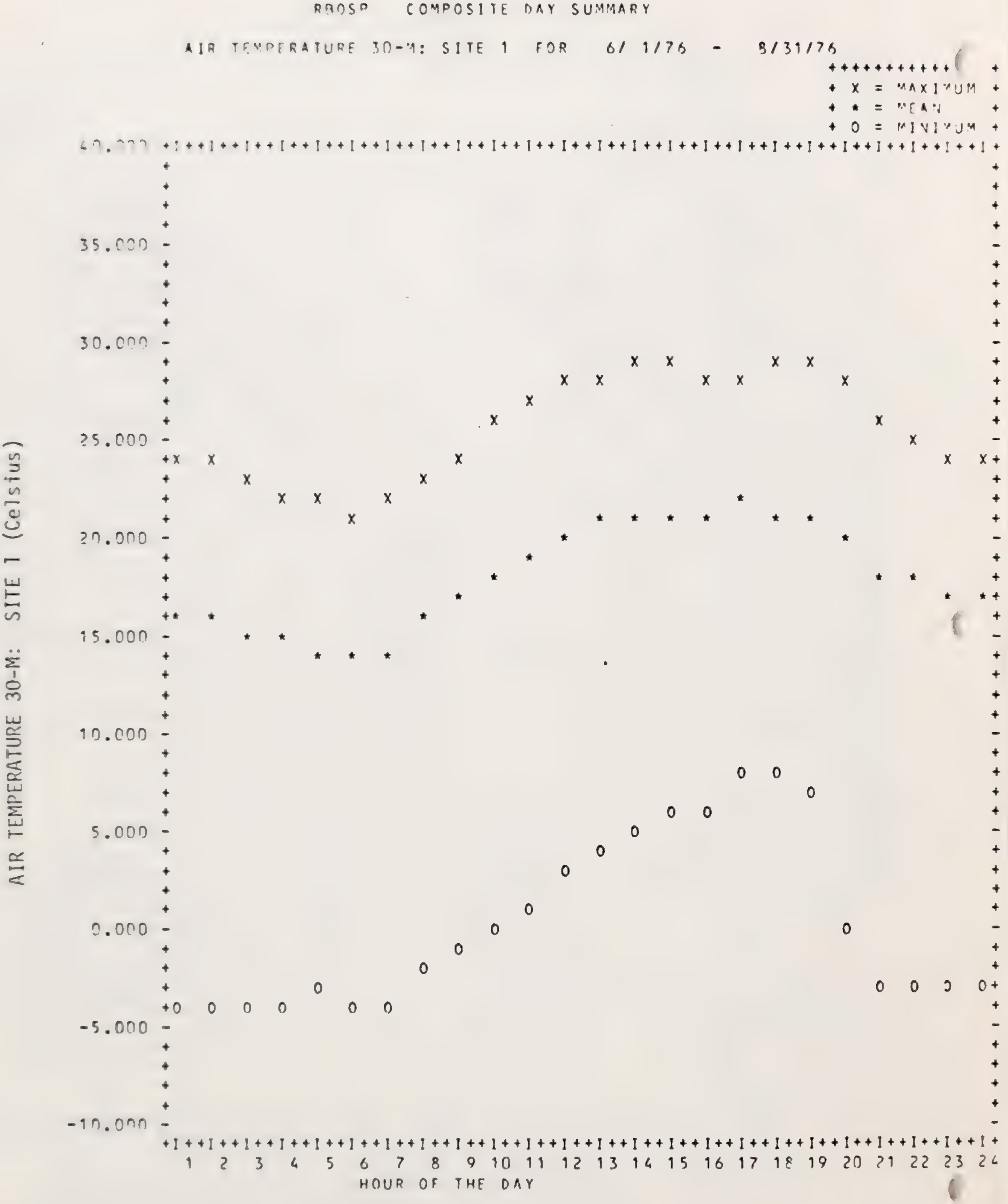


Figure 2.2-10. Air Temperature, 30-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

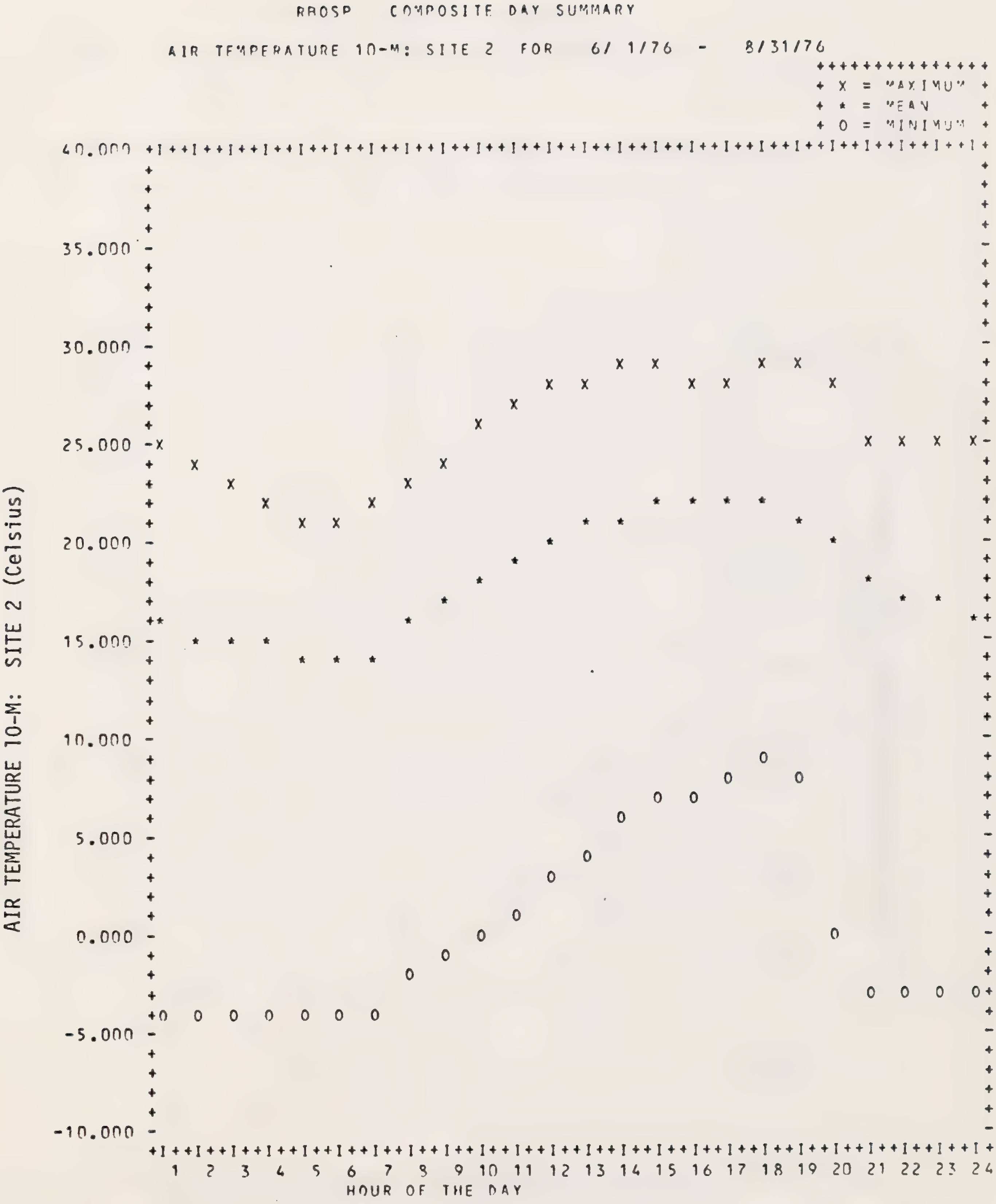


Figure 2.2-11. Air Temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 2, RBOSP.

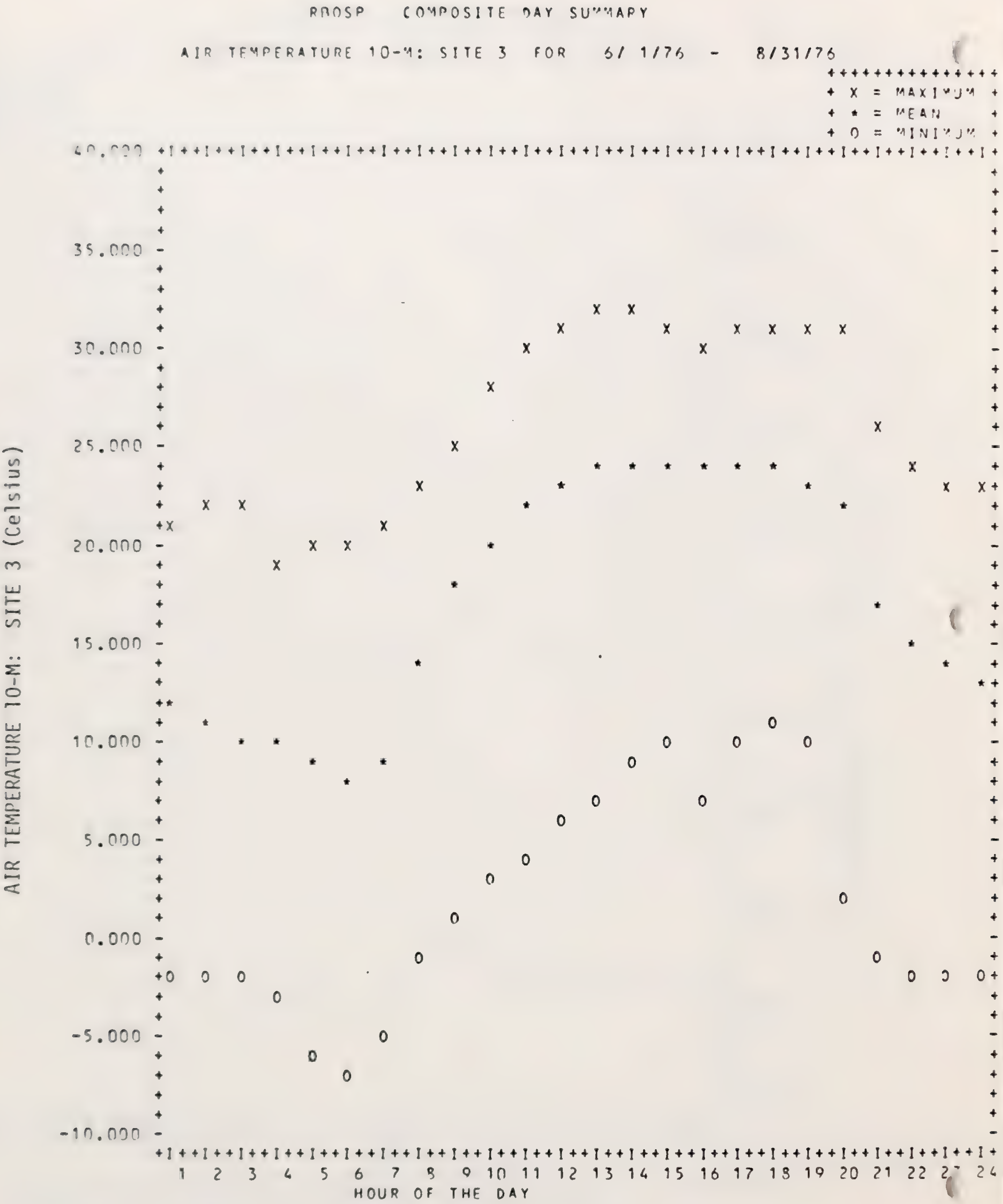


Figure 2.2-12. Air Temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 3, RBOSP.

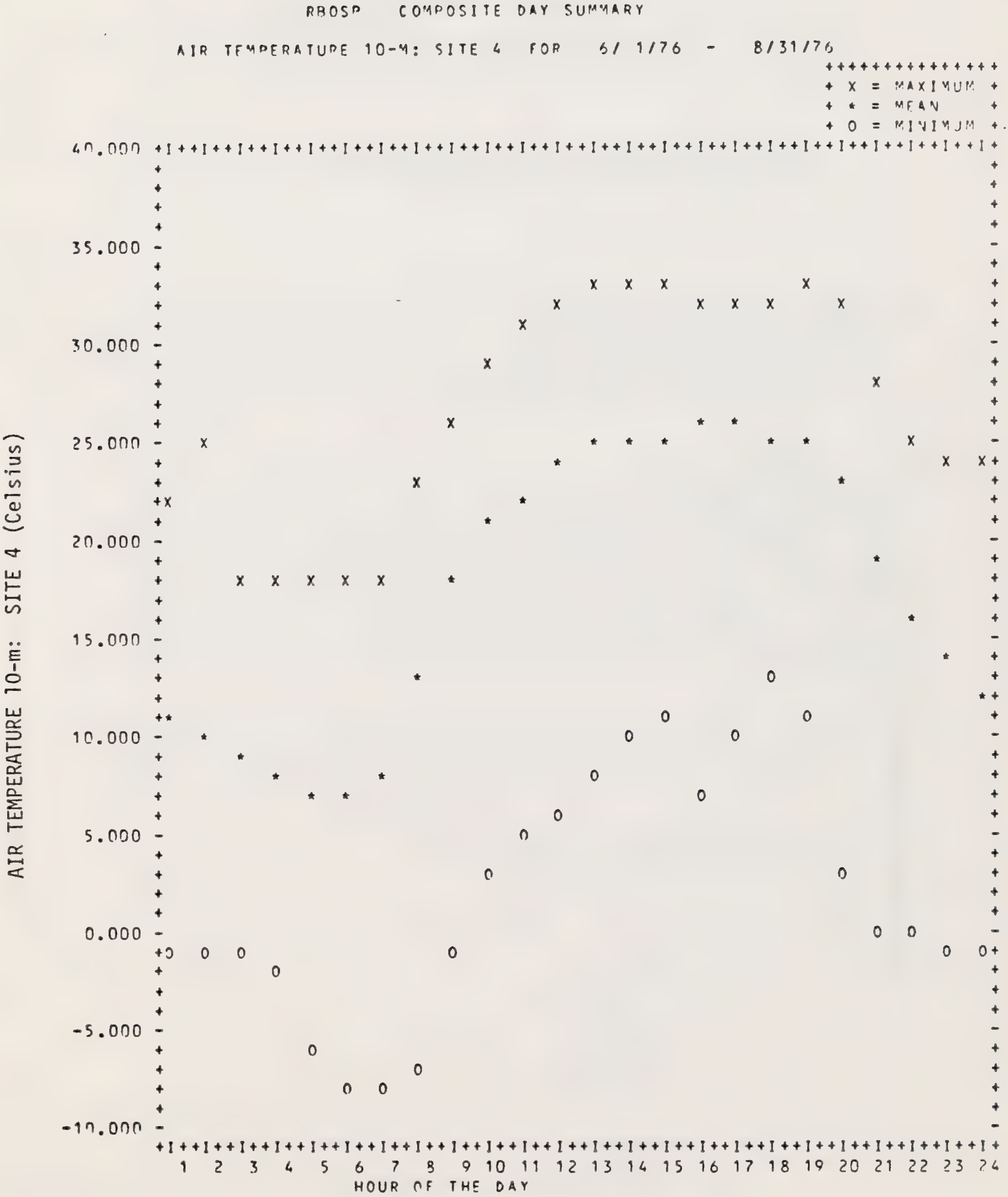


Figure 2.2-13. Air Temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976, at Site 4, RBOSP.

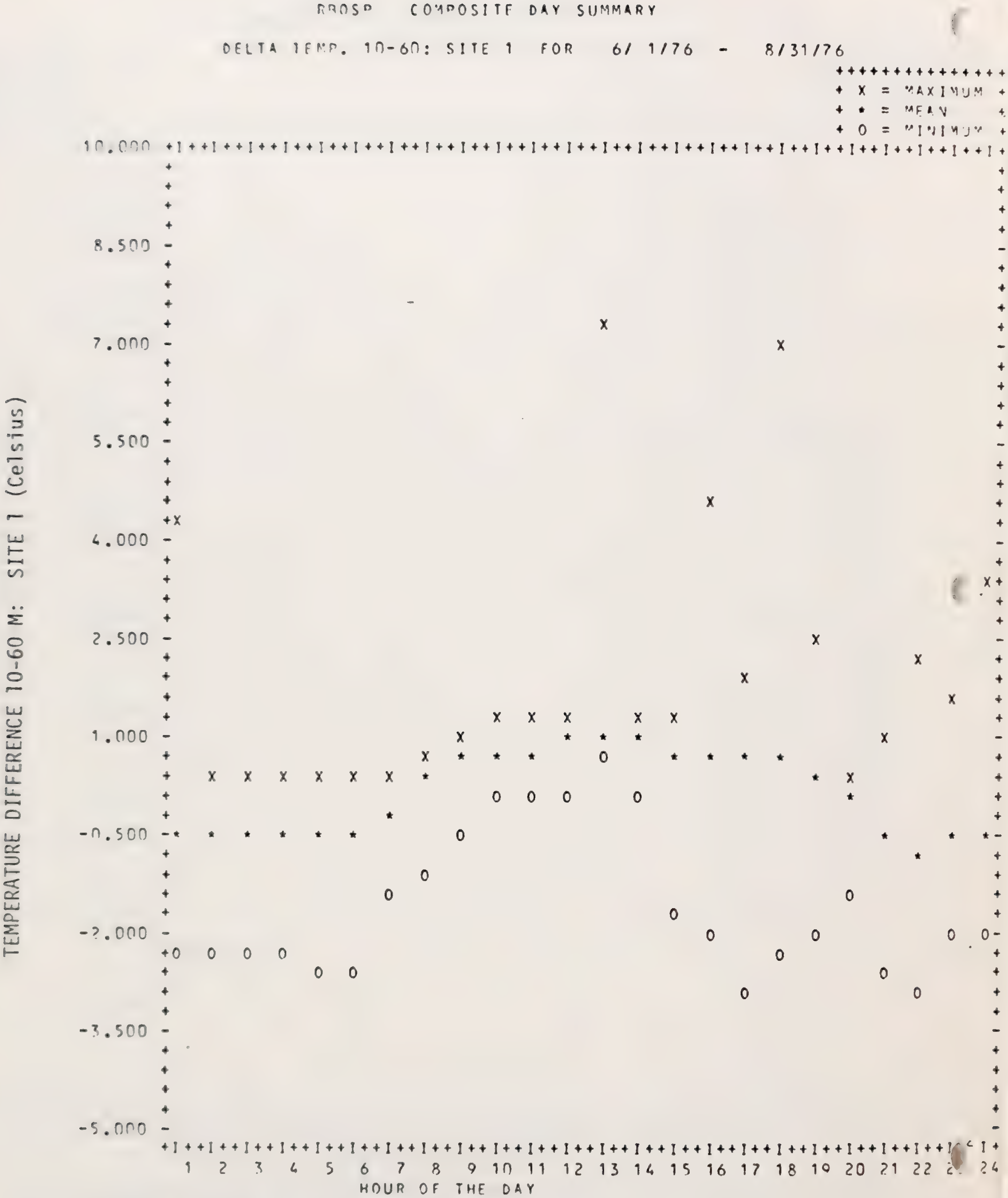


Figure 2.2-14. Temperature difference between 10-m and 60-m levels (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

because of valley drainage flows of cold air. The composite day air temperature data for Sites 3 and 4 indicate that colder air accumulates at Site 4. The elevation difference (200 ft) and the Stake Spring Draw air flow, as well as the Corral Gulch air flow draining into the Yellow Creek Gulch, contribute to this intensity difference.

Although there is a difference in the diurnal variation among all sites, the average temperatures over the season agree well between sites.

2.2.1.3.3 Atmospheric Stability

Atmospheric stability conditions are indicated by temperature difference measurements made between the 10-m and the 60-m level on the main meteorological tower at Site 1. Figure 2.2-14 presents the minimum, maximum, and mean composite day temperature differences as a function of the time of day for the Summer season 1976. These data were compiled from the composite day summaries listed in Appendix B, Section B.2.

These data indicate that mean surface inversion exists during the interval from 2000 hours MST in the evening to 0700 hours MST the following morning. The intensity of this mean surface inversion is relatively weak, ranging fron delta temperature values of -0.04 to -0.69. When the break-up of the mean surface inversion occurs, delta temperature values become significantly unstable. The intensities of the most unstable conditions are greater than those of the most stable inversions. Since the intensities of the most unstable conditions are unusual, delta temperature values for these conditions are being reviewed.

The percent of occurrence of the modified Pasquill stability categories for Summer 1976 and associated mean wind speeds are presented in Table 2.2-5. Stability categories were calculated according to the following criteria:

Stability Index	Temperature change (C) with heights per 100 m *
A	$\Delta T < -1.9$
B	$-1.9 \leq \Delta T < -1.7$
C	$-1.7 \leq \Delta T < -1.5$
D	$-1.5 \leq \Delta T < -0.5$
E	$-0.5 \leq \Delta T < 1.5$
F	$1.5 \leq \Delta T < 4.0$
G	$4.0 \leq \Delta T$

* ΔT is equal to minus two times delta temperature

Table 2.2-5. Percent of occurrence of the Pasquill stability classes at Site 1. Stability category determined from the temperature difference between the 10- and 60-m levels during Summer 1976, RBOSP.

Stability Classification	Pasquill Categories	Temperature Change with Height (C/100m)	Percent of Occurrence	Mean Wind Speed (mph)
Extremely Unstable	A	Less than -1.9	13.28	11.64
Moderately Unstable	B	-1.9 to -1.7	5.97	10.92
Slightly Unstable	C	-1.7 to -1.5	6.97	9.65
Neutral	D	-1.5 to -0.5	23.80	8.11
Slightly Stable	E	-0.5 to 1.5	34.33	5.59
Moderately Stable	F	1.5 to 4.0	14.27	7.18
Extremely Stable	G	Greater than 4.0	1.38	8.25

SOURCE: David H. Slade, Editor. Meteorology and Atomic Energy Nat. Tech. Serv. TID-24190, pp. 102-103, 1971.

A complete listing of the trivariate joint frequency distributions between wind speed, wind direction, and atmospheric stability is presented in Appendix B, Section B.5.

2.2.1.3.4 Relative Humidity

Figure 2.2-15 graphically presents the minimum, maximum, and mean composite day relative humidities as a function of hour of day for Summer 1976. This figure was compiled from the composite day summaries listed in Appendix B, Section B.2. The relative humidity sensor is mounted at the 10-m level at Site 1. There was a significant decrease (6%) in the mean relative humidity at sunrise. The effect is probably due to the surface heating of the air. This composite daily transition period occurs over 2 hours. The decrease may also arise from the increased thermally generated turbulent mixing caused by the reversal of the mean lapse rate from slightly stable to slightly unstable and the increased surface temperature.

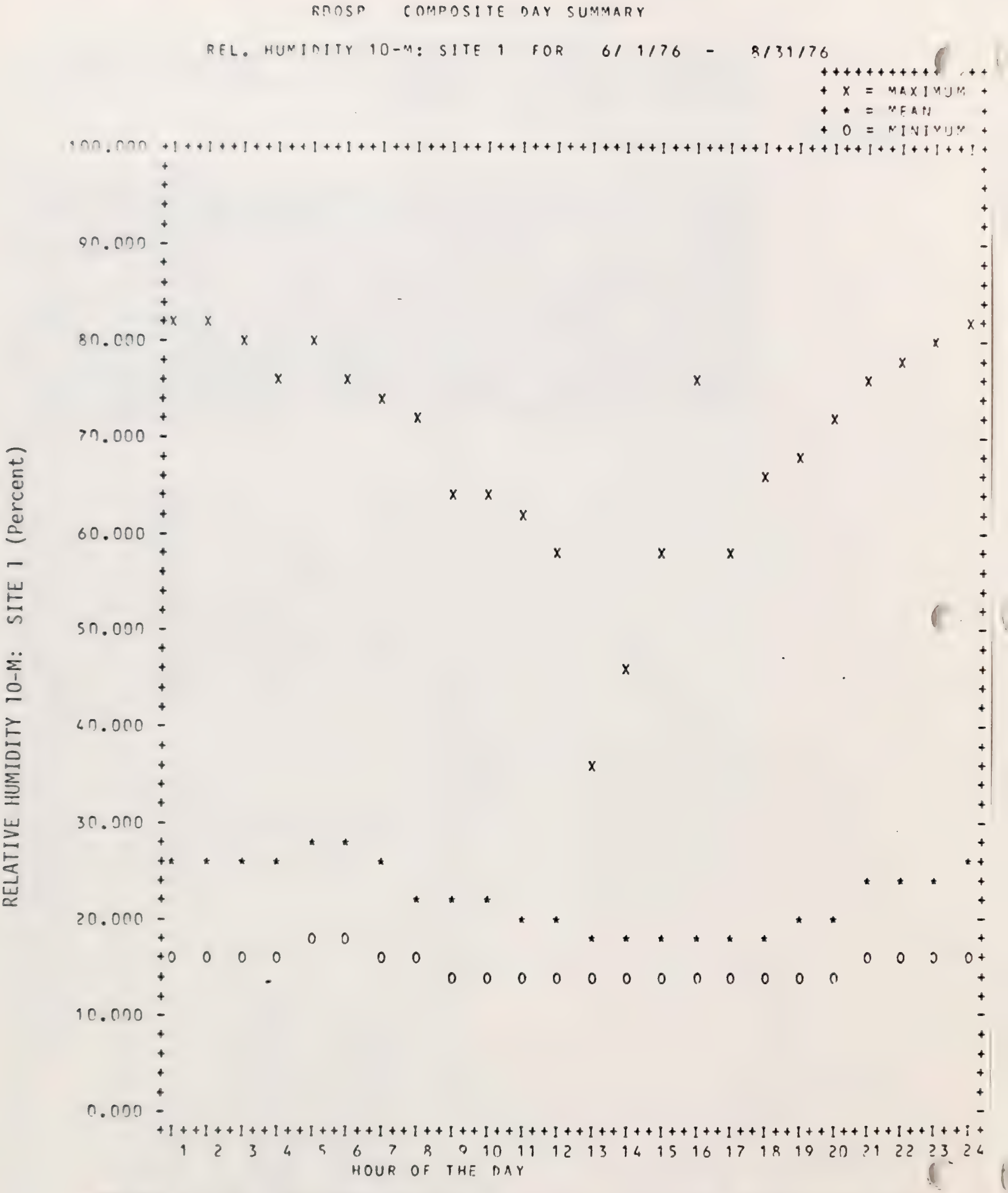


Figure 2.2-15. Relative humidity, 10-m level (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

2.2.3 Miscellaneous

The meteorological parameters grouped into this category are precipitation, evaporation, solar radiation, noise, visibility, snow course and tracer studies. All these parameters except precipitation, tracer studies, and evaporation are measured only at Site 1. Evaporation measurement is made at Site 3 because of water availability. The evaporation rate and visibility are not monitored continuously, but are recorded on a routine basis.

2.2.3.1 Precipitation Measurements

The precipitation data summary for the tipping bucket rain gages for Summer 1976 is presented in Table 2.2-6. The total and daily amounts of precipitation are shown for each site. Maximum total precipitation for 1 day was 0.94 inch at Site 4 on 8 August 1976. Site 2 registered the largest total precipitation (3.54 inches) for Summer 1976.

Shielded weighing precipitation gages were installed at Sites 1 and 2 during the summer quarter. Data collection from these gages began on 30 June 1976. A summary of the shielded weighing precipitation gage data is presented in Table 2.2-7.

A comparison of the weighing and tipping bucket precipitation data from these sites shows that, for the most part, the amount of precipitation measured by the two types of gages is similar. Differences are expected since the gages are of different design and are not in exactly the same location, and the weighing gages are shielded while the tipping bucket gages are not. In addition, the measuring-recording accuracy of the tipping bucket gages is 0.01 in. while that of the weighing gages is 0.06 in. The major differences in the data are discussed below. On 25 and 26 July 1976 the amount of precipitation measured by the two gages at both sites differed significantly. This is because the digital system was down on 25 July which affected the tipping bucket data but not the weighing gage data. On 22 August there was a difference between the two data results at Site 1. Over the two month period for which data were collected using both types of gages, the difference between the precipitation measured by the tipping bucket gages compared with that measured by the weighing gage was greater at Site 1 (30% lower) than at Site 2 (6% lower).

2.2.3.2 Evaporation Measurements

Data for the Summer season are presented in Table 2.2-8. Measurements were started for the 1976-1977 baseline data year with the measurement on 30 April 1976. The highest evaporation rate recorded was 0.031 g/cm^2/hour. This occurred during the week ending 11 June 1976. The minimum evaporation rate was 0.014 g/cm^2/hour occurring during the measurement period ending 18 June 1976.

Table 2.2-6. Precipitation data collected by tipping bucket gage for Summer 1976, RBOSP.

(Values are presented in inches of water)

Date	Site 1 Total	Site 2 Total	Site 3 Total	Site 4 Total
6/11/76	0.09	0.08	0.12	0.01
6/13/76	0.42	0.09	0.03	0.32
6/14/76	0.10	0.45	0.43	0.09
6/16/76	0.15	0.13	0.16	0.10
6/17/76	0.72	0.25	0.20	0.24
6/22/76	--	0.54	0.14	0.65
June Total	1.48	1.54	1.08	1.41
7/7/76	--	0.05	--	0.01
7/9/76	--	0.04	--	--
7/11/76	--	0.01	--	0.09
7/12/76	--	--	--	0.30
7/13/76	0.01	--	0.01	0.01
7/17/76	0.04	0.10	0.33	--
7/18/76	0.08	0.21	0.18	--
7/19/76	--	0.01	--	--
7/20/76	0.04	0.01	0.01	--
7/23/76	--	--	--	0.01
7/25/76-7/26/76	0.45	0.21	0.01	--
7/27/76	--	0.03	0.02	--
7/30/76	0.13	0.18	0.01	0.03
7/31/76	0.05	0.17	0.26	0.42
July Total	0.80	1.02	0.83	0.87
8/1/76	0.01	0.05	0.03	--
8/2/76	0.01	0.08	0.06	--
8/4/76	--	--	0.01	--
8/8/76	0.08	0.10	0.05	0.94
8/9/76	--	--	0.01	--
8/10/76	0.06	0.04	0.05	0.12
8/11/76	0.04	0.49	0.08	0.01
8/13/76	0.01	0.05	0.01	0.03
8/17/76	0.01	0.02	0.03	0.01
8/18/76	--	0.01	0.03	0.01
8/20/76	--	--	--	0.08
8/21/76	0.02	--	--	--
8/22/76	0.11	--	0.13	0.08
8/23/76	--	0.01	--	--
8/24/76	0.16	0.12	0.11	0.05
8/27/76	--	0.01	0.01	--
August Total	0.51	0.98	0.61	1.31
Summer Total	2.79	3.54	2.52	3.61

Table 2.2-7. Precipitation data collected by weighing gage for Summer* 1976, RBOSP

(Values are presented in inches of water)

Date	Site 1	Site 2
July 7 1976		0.05
9		0.05
11		0.02
13	0.02	
17	0.10	0.17
18	0.17	0.22
20	0.03	
25	0.43	0.06
26		0.16
27		0.02
30	0.13	0.18
31	0.10	0.20
July Total	0.98	1.13
August 1	0.03	0.05
2	0.02	0.07
8	0.09	0.10
10	0.05	0.05
11	0.07	0.50
13		0.05
17	0.04	0.03
21		999.0
22	0.25	999.0
23		999.0
24		999.0
26	0.17	0.14
30		999.0
31		999.0
August Total	0.72	0.99
July and August Total	1.70	2.12

* Measurements started on 6/30/76

Table 2.2-8. Evaporation data summary for Summer, 1976, RBOSP.

End Date of Measurement Period	Time of Measurement Hours (MST)	Precipitation Since Last Reading (in.)	Maximum Temperature Since Last Reading (C)	Minimum Temperature Since Last Reading (C)	Water Required To Fill Pan (in.)	Evaporation Rate (g/cm^2/hr)
6/4/76	1230	0.07	24^0	5.5^0	1.20	0.023
6/11/76	1450	0	25^0	7^0	2.10	0.031
6/18/76	1410	0.94	22^0	3^0	0	0.014
6/25/76	1800	0.47	26^0	3^0	1.52	0.029
7/2/76	1746	0	29^0	12^0	1.95	0.030
6/9/76	1300	0	29^0	9^0	1.47	0.023
7/16/76	1630	0	29^0	10^0	1.73	0.026
7/24/76	2000	0.49	22^0	12^0	1.61	0.027
7/30/76	1200	0.03	27^0	11^0	0.75	0.015
8/6/76	1815	0.36	28^0	8^0	1.20	0.023
8/14/76	0930	0.19	26^0	8^0	1.25	0.020
8/21/76	1100	0.06	25^0	7^0	1.76	0.027
8/28/76	1200	0.25	25^0	7^0	0.96	0.018

2.2.3.3 Solar Radiation Measurements

The minimum, maximum, and mean composite day solar radiation measurements as a function of hour of the day for Summer 1976, are graphically presented in Figure 2.2-16. This figure was compiled from the composite day summaries listed in Appendix Section B.2. Solar radiation data were taken at 1.2 m above ground level at Site 1. The seasonal and monthly minimum, maximum, and mean values of solar radiation are presented in Table 2.2-9.

2.2.3.4 Noise Measurements

2.2.3.4.1 Objectives

Short-term ambient noise surveys were undertaken near each of the four air quality and meteorology monitoring sites to establish a representative predevelopment reference to which noise levels during future operations can be compared. Unlike the first noise study undertaken from August through December 1975 which established long-term maximum, minimum and mean values of noise for the standard octabe bands and "A" weighting, the study reported herein analyzed the diurnal variation of noise near the same four sites surrounding the tract, as well as its relationship to wind velocity.

2.2.3.4.2 Methods

Measurements were made over the period 24 August through 26 August 1976 during morning (0700-1200), afternoon (1200-1800), evening (1800-2200) and nighttime (2200-0700) at each of the four air quality sites. Noise was measured using a General Radio omnidirectional, 1-inch electret condenser microphone with windscreen, a General Radio Type 1933 sound level meter and octave band analyzer and a Nagra 4.2L single-track tape recorder. The microphone was mounted on a tripod 4 feet above the surface and far from any large sound reflecting surfaces. Most of the background ambient sound recordings were taken over a 20-minute period.

The tape recorded data was returned to the laboratory for analysis where a GenRod Real Time analyzer, controlled by a mini-computer, was used to perform statistical tests for the ten octave bands and for the A-weighted sound level. This analysis system was used to calculate the average sound level for each octave band and the A-weighted sound level (which is termed the Equivalent Sound Level (Leq). In addition, both a comulative distribution and a histogram of the A-weighted sound levels for each recording were prepared. The histogram indicates the percentage of time a particular sound level occurred during the measurement period, while the cumulative distribution indicates the frequency of time a particular sound level was exceeded. Because the U. S. Environmental Protection Agency has identified levels of day/night equivalent sound level for land uses below which no degradation of public health and welfare is anticipated, the 24-hour integrated average (Leq(24)) was calibrated as well. This standard is similar to the 24-hour equivalent sound level, with all nighttime sound levels penalized by the addition of 10 decibels.

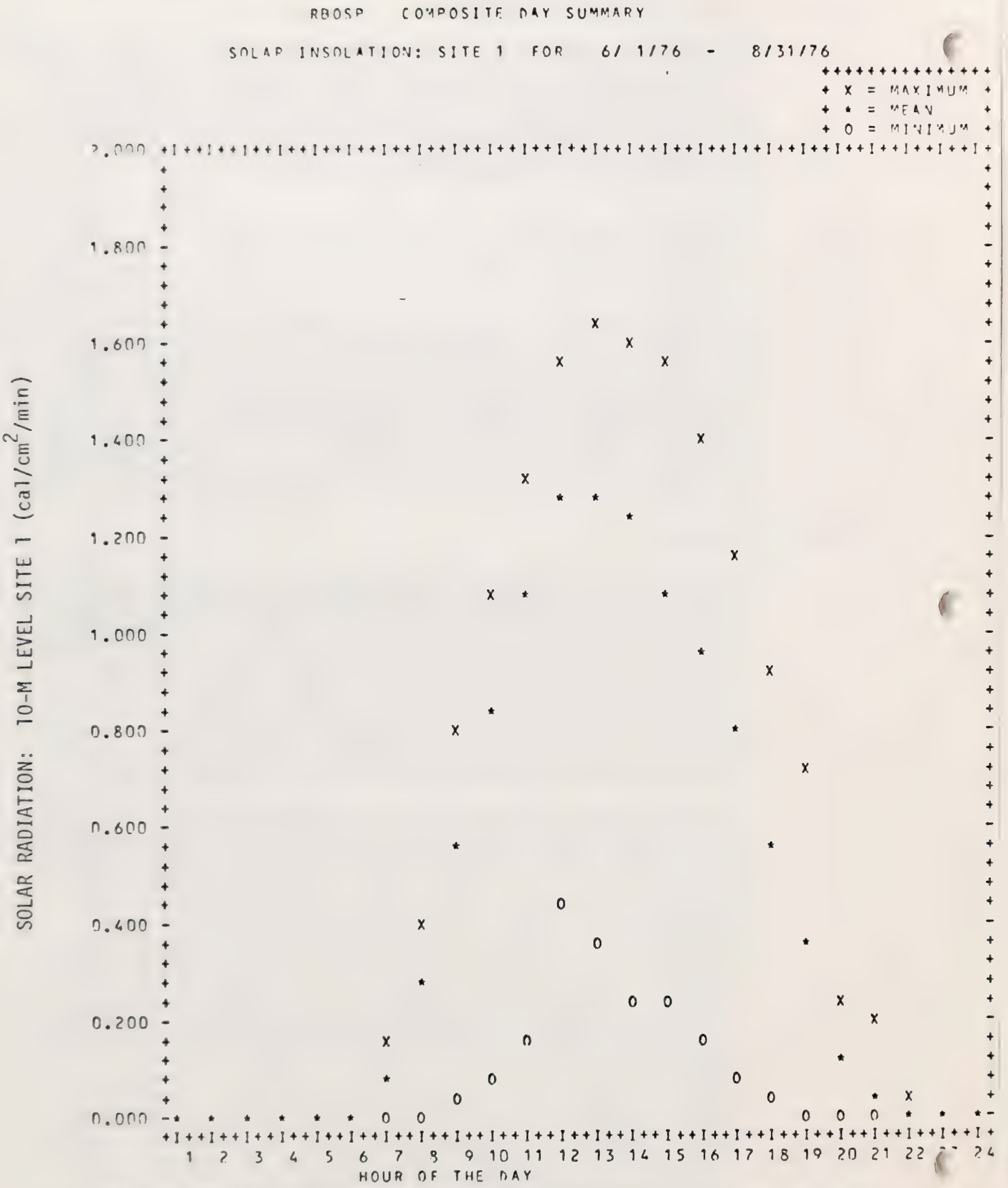


Figure 2.2-16. Solar radiation (minimum, maximum, and mean by hour of the day) for Summer 1976 at Site 1, RBOSP.

Table 2.2-9. Solar radiation, seasonal and monthly summary for Summer 1976, values are in Langleys or cal/cm^2/min, RBOSP.

	June	July	August	Summer 1976
Minimum	0.00	0.00	0.00	0.00
Maximum	1.63	1.57	1.52	1.63
Mean	0.48	0.43	0.40	0.44

2.2.3.4.3 Results

In general, the results of the study reported herein agreed well with those of the first study undertaken almost a year ago. The ambient sound levels near the tract are extremely low, with the exception of windy days. Table 2.2-13 shows the 24-hour equivalent sound level for each octabe band and A-weighting at each monitoring location. In addition, the 24-hour average equivalent sound level with A-weighting during morning, afternoon, evening and nighttime are given.

Several measurements were made during periods when the wind speed was considered greater than average. The equivalent sound levels for these periods averaged about 10 to 15 dB higher than during similar periods without wind. This explains the difference between the results of this study and that made a year ago. Last year's noise study included all periods of the day and made no exceptions with respect to wind speed; thus, the values reported tended to be 10 to 20 dB higher than those resulting from the second noise study.

2.2.3.5 Visibility Measurements

During Summer 1976, sector visibility ranged from 2 to 150 miles for each period that data were recorded. The 2 mile sector visibility occurred on 11 August 1976 (Tables 2.2-10 through 2.2-12).

2.2.3.7 Snow Course Measurements

Snow course measurements were discontinued 30 April 1976. These measurements will be commenced in the Fall quarter when the first significant snowfall occurs.

Table 2.2-10. Visibility data for June 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility N	E	S	W	Prevailing Visibility (miles)	Comments
6/3/76	1220	0	100	100	100	100	100	Est. cloud cover 70%
6/6/76	1430	0	50	50	50	50	50	Est. cloud cover 80%
6/9/76	1230	0	100	100	100	100	100	Est. cloud cover 30%
6/12/76	1200	0	100	100	100	100	100	Est. cloud cover 70%
6/15/76	1200	0	100	100	100	100	100	Est. cloud cover 0%
6/18/76	1040	0.65	100	100	100	100	100	Est. cloud cover 50%
6/21/76	1600	0	100	100	100	100	100	Est. cloud cover 10%
6/24/76	1500	0	100	100	100	100	100	Est. cloud cover 5%
6/27/76	1500	0	60	60	60	60	60	Est. cloud cover 10%
6/30/76	1400	0	100	100	100	100	100	Est. cloud cover 70%

Table 2.2-11. Visibility data for July 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility N	E	S	W	Prevailing Visibility (miles)	Comments
7/3/76	1400	0	100	100	100	100	100	Est. cloud cover 15
7/6/76	1400	0	80	80	80	80	80	Est. cloud cover 65
7/9/76	1400	0	100	100	100	100	100	Est. cloud cover 70%
7/12/76	1200	0	100	100	100	100	100	Est. cloud cover 75
7/15/76	1430	0	100	100	100	100	100	Est. cloud cover 5%
7/18/76	1430	0.07	60	60	60	60	60	Est. cloud cover 50%
7/21/76	1830	0	100	100	100	100	100	Est. cloud cover 10%
7/24/76	1620	0	100	100	100	100	100	Est. cloud cover 45%
7/27/76	1200	0	80	80	80	80	80	Est. cloud cover 45%
7/30/76	1515	0.07	70	70	70	70	70	Est. cloud cover 30%

Table 2.2-12. Visibility data for August 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility N	Sector Visibility E	Sector Visibility S	Sector Visibility W	Prevailing Visibility (miles)	Comments
8/2/76	1600	0.14	100	100	100	100	100	Est. cloud cover 75%
8/5/76	1100	0	>80	>80	>80	>80	>80	Est. cloud cover 5%
8/8/76	1300	0	80	80	80	80	80	Est. cloud cover 70%
8/11/76	1500	0.06	60	15	60	2	15	Est. cloud cover 80%
8/14/76	1230	0.01	150	150	150	150	150	Est. cloud cover 0%
8/17/76	1330	0	80	80	80	80	80	Est. cloud cover 70%
8/20/76	1430	0	80	80	80	80	80	Est. cloud cover 75%
8/23/76	1345	0.11	80	80	80	80	80	Est. cloud cover 60%
8/26/76	1040	0	10	>80	>80	10	>80	Est. cloud cover 75%
8/29/76	1200	0	80	80	80	80	80	Est. cloud cover 15%

Table 2.2-13. 24-hour equivalent sound level for each octabe band and A-weighting at each monitoring location.

Octave Band Center Freq. (Hz)	Site 1	Site 2	Site 3	Site 4
	24-Hour Integrated Average			
	Leq(24)	Leq(24)	Leq(24)	Leq(24)
31.5	64.0	68.1	56.3	47.9
63	52.7	55.7	47.0	41.8
125	43.5	45.6	41.6	35.6
250	37.1	37.8	37.0	30.6
500	34.9	32.3	31.6	25.7
1,000	32.8	31.7	30.1	24.2
2,000	32.9	31.7	29.5	24.0
4,000	32.6	31.8	29.3	24.0
8,000	33.0	31.8	29.2	24.0
16,000	32.3	31.7	29.1	24.2
A-Weight Leq(24)	37.8	36.9	34.5	29.1
Morning	35.7	29.1	35.4	27.8
Afternoon	42.1	30.6	37.8	30.9
Evening	25.7	39.5	33.5	30.6
Nighttime	34.6	39.0	27.4	27.2

2.2 METEOROLOGICAL DATA
(APPENDIX B)

APPENDIX B
2.2 METEOROLOGICAL DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
SUMMER 1976

Prepared for

The Rio Blanco Oil Shale Project

By

EG&G, Environmental Consultants
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Denver, Colorado 80237

2.2 METEOROLOGICAL DATA

APPENDIX B

METEOROLOGICAL DATA
SUMMER 1976

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B.3	WIND SPEED VERSUS WIND DIRECTION SUMMARIES	B.3.1-1
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SECTION B.1

METEOROLOGICAL DATA LISTINGS

SUMMER 1976

Section		Page
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B.1.1

METEOROLOGICAL DATA LISTING FOR SITE 1
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degress)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WDR30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WDR60	Wind Direction at the 60-m level (degrees)
DT60	Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)
SI	Solar radiation at ground level (Langley)

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

```
                        10 - METER LEVEL                        30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10      SG10       WS30  WDR30    AT30       WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++   +-------------------------------------------+  +--------------------+  +--------------------+  +------------+

 0  1  6 76   8.8  263.0     14.44    21.35      8.93       9.0  233.6   14.80      14.0  222.0   -1.58      0.00    0.01

 1  1  6 76   9.2  259.0     14.56    21.31     10.60       9.7  237.7   14.35      14.9  215.9   -1.93      0.00    0.01

 2  1  6 76   8.5  262.0     14.41    21.31     10.74       8.9  234.4   14.71      14.9  221.4   -1.49      0.00    0.00

 3  1  6 76   7.8  262.3     13.87    21.53     11.64       9.4  232.3   14.25      16.7  214.6   -1.62      0.00    0.00

 4  1  6 76   5.1  258.2     13.73    21.69     10.53       6.8  225.0   13.91      15.6  214.4   -1.08      0.00    0.00

 5  1  6 76   4.6   27.6     12.85    21.92     16.53       4.2  343.4   13.22       7.4  211.7   -1.25      0.00    0.01

 6  1  6 76   3.1  313.8     11.05    21.93      9.50       2.6   11.5   12.32       3.9   93.2   -1.40      0.00    0.13

 7  1  6 76   2.7  337.7     13.24    20.01     26.42       2.7  353.6   14.17       2.3   25.5    0.13      0.00    0.38

 8  1  6 76   4.8  102.8     16.12    19.55     14.86       5.2  111.0   15.95       5.6  123.2    0.59      0.00    0.70

 9  1  6 76   9.5  201.3     18.63    19.04     18.75      11.1  204.1   18.09      12.4  216.3    1.03      0.00    1.00

10  1  6 76  10.7  233.1     19.54    18.62     16.57      11.9  225.5   19.07      12.0  229.9    0.73      0.00    1.26

11  1  6 76  12.9  252.3     20.03    18.51     16.63      13.7  244.8   19.27      14.9  234.9    0.97      0.00    1.43

12  1  6 76  16.0  199.5     20.33    18.03     13.42      18.8  197.1   19.25      20.8  207.1    1.02      0.00    1.56

13  1  6 76  17.1  190.0     20.47    17.92     13.01      20.7  191.4   19.30      21.9  201.3    0.89      0.00    1.58

14  1  6 76  15.3  195.5     20.86    17.73     13.11      19.4  196.5   19.84      21.9  206.7    0.93      0.00    1.49

15  1  6 76   9.7  201.8     21.12    17.41     17.95      12.0  206.6   20.54      13.5  219.9    1.04      0.00    1.28

16  1  6 76   9.7  202.9     21.40    17.15     19.61      12.7  204.6   20.23      14.4  210.2    0.99      0.00    1.06

17  1  6 76   9.9  214.1     21.41    17.20     17.73      11.8  213.6   21.10      14.1  221.3    0.85      0.00    0.83

18  1  6 76   7.5  232.7     20.26    17.95     16.03       8.8  229.1   20.47      12.9  231.4    0.27      0.00    0.51

19  1  6 76   6.8  210.5     19.24    18.52     16.74       8.7  213.0   19.60      13.0  222.3   -0.07      0.00    0.18

20  1  6 76   6.2  263.9     17.49    19.75     13.35       7.7  229.4   17.99      13.9  224.3   -1.20      0.00    0.04

21  1  6 76  10.4  257.6     16.66    19.93      5.12      11.3  240.1   17.70      14.4  223.2   -2.32      0.00    0.01

22  1  6 76   9.9  260.5     16.27    20.06      5.43      10.5  241.1   17.31      13.7  219.5   -2.09      0.00    0.01

23  1  6 76   9.7  243.4     15.95    19.83      4.92       9.8  221.3   18.28      10.3  212.1   -1.61      0.00    0.00
```

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	6	76	6.7	241.6	16.25	19.84	6.50	7.9	217.2	18.01	8.9	201.4	-1.17	0.00	0.00
1	2	6	76	9.7	250.5	15.42	20.27	8.54	9.8	235.4	16.51	13.7	214.5	-2.15	0.00	0.00
2	2	6	76	6.4	265.2	15.34	20.41	13.54	7.4	235.6	16.15	12.3	222.5	-1.24	0.00	0.00
3	2	6	76	1.9	332.0	14.20	21.72	27.60	2.5	19.8	13.59	6.0	212.1	-1.05	0.00	0.00
4	2	6	76	2.9	57.6	14.19	21.74	14.56	2.2	147.5	13.93	9.0	222.1	-1.08	0.00	0.00
5	2	6	76	2.0	97.4	14.02	21.84	13.68	2.9	141.6	13.95	8.4	215.3	-0.94	0.00	0.01
6	2	6	76	1.9	165.2	13.24	19.77	4.22	2.8	171.2	14.37	5.5	198.1	-1.24	0.00	0.14
7	2	6	76	2.7	72.3	14.86	18.07	8.12	3.4	109.0	15.03	6.6	181.5	-0.75	0.00	0.38
8	2	6	76	0.7	178.1	18.62	18.07	13.65	11.5	184.4	18.61	12.1	197.2	0.67	0.00	0.70
9	2	6	76	10.4	179.2	19.77	18.11	13.15	11.9	183.6	19.52	12.6	197.6	0.23	0.00	1.01
10	2	6	76	9.9	207.0	20.13	17.70	14.65	11.0	212.6	20.31	12.9	217.6	1.04	0.00	1.24
11	2	6	76	11.5	216.3	21.71	17.04	21.35	14.1	205.4	21.58	16.5	214.4	1.23	0.00	1.54
12	2	6	76	13.0	225.4	21.98	17.26	16.65	16.4	215.5	21.34	20.7	227.0	1.14	0.00	1.54
13	2	6	76	16.3	197.2	21.64	17.25	15.10	20.9	199.2	20.97	23.4	212.9	0.91	0.00	1.44
14	2	6	76	14.4	205.3	22.64	16.93	15.33	17.9	203.6	21.36	21.3	212.9	1.29	0.00	1.52
15	2	6	76	12.4	203.1	22.56	17.07	15.60	15.0	209.9	21.41	17.6	215.7	1.12	0.00	1.38
16	2	6	76	10.7	204.0	21.41	17.61	14.79	13.7	207.3	21.06	17.3	214.1	0.61	0.00	0.72
17	2	6	76	9.9	192.0	21.08	17.64	11.64	12.5	188.6	20.97	13.1	194.9	0.34	0.00	0.38
18	2	6	76	9.7	200.8	21.69	17.00	11.78	12.0	197.3	21.46	13.2	204.9	0.38	0.00	0.45
19	2	6	76	7.6	190.3	20.26	17.86	10.91	10.4	190.2	20.46	11.8	191.6	-0.09	0.00	0.19
20	2	6	76	7.5	251.5	13.43	19.45	11.45	9.3	229.1	19.05	12.7	215.3	-1.41	0.00	0.04
21	2	6	76	10.4	254.0	19.33	19.33	3.30	10.7	240.2	19.22	11.8	226.2	-1.78	0.00	0.01
22	2	6	76	12.7	255.5	19.12	19.36	3.37	14.3	250.3	19.63	15.0	251.9	-1.71	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	6	76	4.2	197.2	14.68	21.19	8.92	3.7	189.7	14.79	4.5	200.9	-1.34	0.00	0.00
1	3	6	76	3.0	312.5	16.08	20.70	8.27	2.0	17.2	14.69	2.3	84.5	-0.50	0.00	0.00
2	3	6	76	2.3	210.4	14.33	21.60	13.54	3.9	192.6	14.74	4.8	192.6	-1.32	0.00	0.00
3	3	6	76	3.0	180.4	14.49	21.31	15.96	5.3	197.8	14.78	10.0	209.7	-0.90	0.00	0.00
4	3	6	76	2.9	197.0	13.72	21.74	7.18	4.1	187.5	13.80	6.5	184.9	-0.85	0.00	0.00
5	3	6	76	1.6	192.1	14.89	21.78	8.32	2.1	135.8	13.54	2.9	182.1	-0.36	0.00	0.01
6	3	6	76	3.3	299.6	14.04	20.45	6.53	2.5	307.3	14.31	3.6	190.5	-1.17	0.00	0.15
7	3	6	76	3.3	46.6	15.06	19.03	12.29	3.5	54.7	15.65	3.4	71.4	0.23	0.00	0.38
8	3	6	76	12.2	161.9	18.74	18.11	14.57	13.5	169.4	18.35	13.4	182.1	0.56	0.00	0.72
9	3	6	76	11.9	173.0	20.35	18.16	12.57	14.7	177.0	19.42	14.9	189.5	0.98	0.00	1.03
10	3	6	76	11.3	211.9	21.34	17.76	17.97	14.3	208.6	20.48	18.3	221.7	1.05	0.00	1.17
11	3	6	76	14.1	211.5	21.19	17.79	20.28	17.1	208.0	20.11	20.1	222.7	1.09	0.00	1.27
12	3	6	76	13.6	205.8	21.23	17.74	16.57	16.3	207.1	20.26	20.0	219.5	1.07	0.00	1.30
13	3	6	76	14.6	200.9	21.38	17.52	16.39	18.8	203.3	20.43	21.2	214.9	0.92	0.00	1.24
14	3	6	76	13.0	203.1	20.70	17.72	15.55	16.2	198.7	20.42	18.2	211.8	0.79	0.00	0.90
15	3	6	76	10.1	196.1	21.26	17.54	16.76	12.9	202.6	20.83	15.4	219.7	0.75	0.00	0.69
16	3	6	76	9.4	257.6	20.28	18.08	9.56	11.0	253.9	20.29	12.2	252.3	0.48	0.00	0.47
17	3	6	76	10.5	210.2	20.36	17.12	16.95	12.4	219.3	20.30	15.1	221.7	0.65	0.00	0.60
18	3	6	76	10.0	211.0	20.70	16.98	14.84	11.9	209.9	21.03	14.7	217.9	0.44	0.00	0.53
19	3	6	76	5.1	231.3	19.89	17.74	15.25	6.6	222.7	20.32	11.4	228.6	0.01	0.00	0.20
20	3	6	76	10.3	254.3	18.60	19.18	3.85	11.7	241.0	19.54	13.4	241.7	-1.33	0.00	0.04
21	3	6	76	11.9	258.1	16.95	19.67	3.63	13.3	245.6	18.43	14.8	236.3	-1.84	0.00	0.01
22	3	6	76	12.3	256.9	15.64	20.00	4.47	15.4	255.6	17.73	18.2	258.7	-1.59	0.00	0.00
23	3	6	76	10.2	257.6	16.21	20.16	4.68	12.4	245.2	17.14	15.6	238.9	-1.80	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	6	76	10.1	260.1	16.30	20.08	3.31	12.5	256.3	17.25	14.3	244.5	-1.79	0.00	0.00
1	4	6	76	10.2	252.4	16.20	19.85	4.06	10.9	240.9	17.41	11.7	232.2	-0.93	0.00	0.00
2	4	6	76	7.2	259.1	15.21	20.49	10.69	9.2	224.4	15.80	12.8	207.0	-1.30	0.00	0.00
3	4	6	76	6.7	261.8	14.46	20.93	14.40	8.5	230.0	14.97	14.4	217.0	-1.78	0.00	0.00
4	4	6	76	6.7	259.4	14.59	20.94	17.09	8.0	232.0	14.74	14.8	218.8	-1.01	0.00	0.00
5	4	6	76	6.5	257.6	14.50	21.00	13.83	9.9	222.6	14.89	16.0	212.4	-1.56	0.00	0.01
6	4	6	76	4.7	243.1	15.35	19.99	18.69	7.3	217.0	15.53	12.1	213.8	-0.35	0.00	0.11
7	4	6	76	5.9	229.1	17.39	18.64	20.52	8.3	212.3	17.08	10.9	224.3	0.58	0.00	0.39
8	4	6	76	10.4	204.2	18.20	18.62	14.74	12.7	206.9	17.74	14.6	215.0	1.02	0.00	0.72
9	4	6	76	14.6	183.9	18.47	18.74	11.45	18.3	188.4	17.63	18.9	196.0	0.91	0.00	1.03
10	4	6	76	11.2	229.9	19.36	18.31	18.76	13.4	220.9	18.96	16.1	231.6	1.09	0.00	1.29
11	4	6	76	11.7	224.5	20.22	17.96	23.25	13.3	222.7	19.72	18.3	225.5	1.20	0.00	1.48
12	4	6	76	16.4	207.9	20.51	17.73	16.79	20.4	213.7	19.74	24.6	218.4	1.16	0.00	1.58
13	4	6	76	16.2	201.8	20.90	17.46	16.45	20.2	206.6	20.12	24.7	218.1	1.08	0.00	1.56
14	4	6	76	15.9	193.5	21.15	17.36	15.48	19.6	200.8	20.31	23.7	209.8	1.10	0.00	1.44
15	4	6	76	15.5	187.1	21.61	17.18	12.58	18.0	190.7	20.52	20.4	199.7	0.22	0.00	1.30
16	4	6	76	10.3	199.5	21.04	16.93	15.73	12.7	204.9	21.33	14.7	216.5	1.00	0.00	1.05
17	4	6	76	7.4	199.7	20.28	18.00	11.56	10.0	205.9	20.40	13.0	212.2	0.19	0.00	0.38
18	4	6	76	7.9	220.3	21.00	17.20	16.05	9.6	224.7	20.80	12.8	229.8	0.44	0.00	0.42
19	4	6	76	3.9	218.0	19.71	17.69	20.16	5.6	225.3	19.69	9.1	224.1	0.14	0.00	0.19
20	4	6	76	9.2	258.1	19.26	19.34	3.37	12.2	251.8	19.03	13.9	243.5	-1.22	0.00	0.04
21	4	6	76	10.1	253.3	19.10	19.40	2.39	10.6	252.1	19.05	11.0	245.2	-1.13	0.00	0.01
22	4	6	76	11.4	257.2	17.22	19.47	2.39	11.6	249.6	18.55	11.8	256.4	-0.87	0.00	0.00
23	4	6	76	9.0	242.3	18.03	19.45	2.44	8.4	237.6	18.47	8.9	232.2	-0.55	0.00	0.00

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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL               60 - METER LEVEL
HR DY MO YR    WS10  WDR10     AT10     RH10     SG10       WS30  WDR30    AT30        WS60  WDR60     DT60     PREC     SI
++ ++ ++ ++    +-------------------------------------------+  +------------------------+   +------------------------+  +------------+

 0  5  6 76    9.8  251.1     17.48    19.73     4.70        8.2  239.4    17.75        8.3  222.4    -0.57     0.00    0.00
 1  5  6 76    7.6  251.7     17.28    19.78     3.79        7.6  248.1    17.34        9.5  236.3    -0.02     0.00    0.00
 2  5  6 76    6.8  259.5     15.68    20.47     3.55        6.6  247.8    15.97        7.1  222.3    -0.74     0.00    0.00
 3  5  6 76    5.5  237.0     14.62    20.76    17.44        7.3  224.9    15.35       13.4  210.6    -2.15     0.00    0.00
 4  5  6 76    9.5  254.3     15.40    20.50     4.22       10.5  240.3    15.73       12.6  219.9    -1.33     0.00    0.00
 5  5  6 76    6.0  210.6     14.16    20.58    16.05        6.7  233.5    15.29        8.8  244.4    -2.19     0.00    0.01
 6  5  6 76    4.6   18.2     14.27    20.01    13.66        4.2  352.6    15.59        3.4  256.1    -1.10     0.00    0.14
 7  5  6 76    3.1   48.6     14.64    19.20    11.94        3.3   44.8    15.26        3.4   30.2     0.29     0.00    0.40
 8  5  6 76    3.3   90.0     16.50    17.78    12.14        3.7   82.9    16.62        3.9   84.2     0.43     0.00    0.71
 9  5  6 76    3.0   89.9     19.35    17.95    18.14        4.7  103.3    19.06        5.3  113.0     0.70     0.00    1.00
10  5  6 76   11.1  179.7     20.90    17.65    12.20       12.6  180.6    20.04       12.8  184.2     1.12     0.00    1.26
11  5  6 76   11.6  174.6     21.25    17.55    13.44       13.9  173.0    20.35       14.1  177.8     1.22     0.00    1.47
12  5  6 76    9.7  214.4     21.95    17.04    18.07       11.3  211.1    21.25       11.8  224.2     1.17     0.00    1.55
13  5  6 76   12.2  192.0     21.26    17.06    15.55       14.5  196.4    21.16       14.8  202.2     1.17     0.00    1.58
14  5  6 76   12.5  200.6     22.61    16.87    18.09       15.7  196.9    21.82       17.5  217.9     1.15     0.00    1.50
15  5  6 76   13.5  187.2     22.35    16.80    14.30       16.6  194.8    21.57       18.3  192.7     1.16     0.00    1.37
16  5  6 76    9.2  213.3     22.64    16.68    19.46       11.7  211.6    22.15       14.1  214.4     1.04     0.00    1.13
17  5  6 76    9.4  194.2     22.25    16.50    16.43       11.4  190.2    21.99       12.2  203.4     0.78     0.00    0.84
18  5  6 76    9.6  197.5     21.93    16.95    10.28       11.6  199.4    21.70       13.5  203.4     0.39     0.00    0.52
19  5  6 76    4.0  248.0     20.81    17.55    13.24        6.2  223.3    20.86        9.8  221.4    -0.19     0.00    0.21
20  5  6 76    7.2  241.3     19.33    18.36     4.23        8.3  223.9    20.66        8.3  220.8    -0.96     0.00    0.04
21  5  6 76    9.7  240.4     19.73    18.84     2.51        8.6  236.4    20.53        8.5  237.5    -0.83     0.00    0.01
22  5  6 76    9.3  246.3     19.64    18.87     3.00        9.0  237.0    20.45        9.0  232.5    -0.76     0.00    0.00
23  5  6 76   11.9  254.3     18.76    19.15     2.38       11.1  237.9    20.22       11.9  236.8    -1.55     0.00    0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WD10	AT10	RH10	SG10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SI
0	6	6	76	[illegible]	[illegible]	19.57	18.91	2.51	9.0	238.0	20.33	9.6	236.7	-0.79	0.00	0.00
1	6	6	76	[illegible]	[illegible]	19.19	19.97	2.62	11.1	254.8	19.97	11.1	249.5	-0.64	0.00	0.00
2	6	6	76	[illegible]	[illegible]	14.03	20.90	17.30	4.7	40.7	15.39	5.8	29.7	-2.32	0.00	0.00
3	6	6	76	[illegible]	[illegible]	16.79	20.69	8.48	4.7	225.4	16.86	5.4	229.0	-0.50	0.00	0.00
4	6	6	76	[illegible]	[illegible]	13.90	21.26	21.91	4.1	115.2	14.26	4.6	189.9	-1.29	0.00	0.00
5	6	6	76	4.3	97.5	14.84	21.17	19.90	5.9	113.8	15.23	6.4	135.1	-0.62	0.00	0.01
6	6	6	76	2.4	7.2	13.85	19.66	25.27	2.2	44.6	14.68	3.7	179.7	-1.32	0.00	0.16
7	6	6	76	3.3	[illegible]	14.38	19.62	16.45	2.2	43.2	14.72	3.0	112.3	0.12	0.00	0.33
8	6	6	76	[illegible]	[illegible]	19.02	19.58	12.76	21.6	102.7	18.17	23.6	200.3	0.60	0.00	0.71
9	6	6	76	14.7	[illegible]	19.23	13.74	11.75	17.6	180.9	18.30	18.3	193.7	0.82	0.00	0.98
10	6	6	76	15.5	[illegible]	19.59	18.44	13.35	18.2	199.1	18.62	21.7	207.3	0.85	0.00	1.07
11	6	6	76	[illegible]	[illegible]	21.74	17.73	14.10	17.3	195.5	19.24	18.5	198.4	1.22	0.00	1.44
12	6	6	76	[illegible]	[illegible]	20.89	17.72	15.99	16.2	210.3	19.93	19.8	221.6	1.12	0.00	1.04
13	6	6	76	8.5	[illegible]	20.36	17.54	18.39	10.0	218.7	20.22	12.2	224.9	0.97	0.00	0.90
14	6	6	76	9.7	225.5	21.03	16.89	18.32	10.8	223.1	21.13	12.5	226.9	1.00	0.00	1.11
15	6	6	76	9.0	206.6	21.93	17.24	20.46	10.2	209.5	21.34	10.8	221.4	0.90	0.00	0.81
16	6	6	76	13.5	179.5	21.11	17.78	11.33	16.6	185.4	20.42	17.4	191.0	0.71	0.00	0.59
17	6	6	76	[illegible]	[illegible]	20.61	18.14	11.11	18.0	192.2	20.13	19.0	197.6	0.52	0.00	0.42
18	6	6	76	14.1	[illegible]	20.90	17.97	11.70	17.0	171.7	19.39	18.8	172.9	0.21	0.00	0.41
19	6	6	76	14.0	[illegible]	19.43	19.86	10.94	13.4	161.4	18.22	20.8	165.6	0.41	0.00	0.25
20	6	6	76	9.0	[illegible]	16.46	22.54	10.94	14.0	172.7	16.76	15.6	172.5	-0.26	0.00	0.05
21	6	6	76	7.1	164.9	15.22	21.09	15.63	11.8	171.1	15.57	14.6	174.4	-0.47	0.00	0.01
22	6	6	76	6.1	[illegible]	14.32	23.17	7.65	7.9	156.4	15.08	10.0	152.6	-0.44	0.00	0.01
23	6	6	76	6.0	[illegible]	13.32	24.55	11.42	9.4	206.1	14.41	11.9	195.1	-1.10	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	6	76	4.3	46.7	12.20	26.85	21.74	7.0	62.1	13.35	8.4	82.5	-1.72	0.00	0.00
1	7	6	76	2.3	1.1	12.73	28.27	21.75	3.1	73.5	12.56	4.5	105.7	-0.49	0.00	0.00
2	7	6	76	1.2	270.7	13.23	27.83	10.59	2.4	191.0	12.63	4.1	173.6	-0.88	0.00	0.00
3	7	6	76	4.2	120.7	12.80	28.37	10.46	6.2	132.4	13.35	6.9	156.0	-1.26	0.00	0.00
4	7	6	76	2.9	335.4	12.31	28.17	23.67	2.8	24.9	12.28	4.2	124.5	-1.06	0.00	0.00
5	7	6	76	5.0	311.8	11.51	28.52	7.57	4.3	354.3	11.77	5.4	30.2	-0.75	0.00	0.01
6	7	6	76	2.9	319.8	12.18	26.48	14.54	2.8	14.5	12.50	3.5	37.9	-0.23	0.00	0.14
7	7	6	76	3.1	53.4	14.62	20.46	11.91	3.1	59.9	15.43	3.0	53.5	0.38	0.00	0.39
8	7	6	76	4.3	57.2	16.10	21.19	15.26	4.7	90.4	15.97	5.2	113.1	0.59	0.00	0.69
9	7	6	76	5.2	214.4	18.04	20.54	22.56	5.2	207.7	17.54	5.3	211.6	0.65	0.00	0.99
10	7	6	76	6.7	142.8	19.65	17.70	15.49	7.3	148.0	19.08	8.0	164.6	0.76	0.00	1.24
11	7	6	76	5.9	256.9	20.37	17.57	19.85	6.4	241.7	20.49	6.4	225.3	0.64	0.00	1.46
12	7	6	76	12.1	196.6	22.13	17.30	17.70	12.4	198.6	21.18	13.8	208.3	1.26	0.00	1.63
13	7	6	76	13.1	251.5	22.10	17.96	12.40	14.4	245.6	21.38	16.0	239.7	0.84	0.00	1.52
14	7	6	76	11.1	197.8	21.02	17.99	13.62	13.4	203.3	20.66	14.9	212.8	0.32	0.00	0.81
15	7	6	76	10.1	246.9	21.96	17.36	12.01	11.6	245.0	21.50	12.9	246.6	0.30	0.00	0.91
16	7	6	76	11.3	197.9	21.61	17.60	14.03	14.2	200.1	21.32	17.7	210.0	0.75	0.00	0.70
17	7	6	76	9.5	200.7	21.30	17.85	15.31	10.1	214.9	21.07	12.9	222.6	0.72	0.00	0.55
18	7	6	76	16.1	212.6	20.40	18.55	14.60	20.2	206.6	20.13	24.3	213.2	0.50	0.00	0.35
19	7	6	76	4.0	238.7	19.56	18.40	12.52	6.1	222.8	19.73	8.6	226.6	0.18	0.00	0.21
20	7	6	76	7.1	256.5	17.37	20.45	10.16	9.6	227.8	18.14	13.5	223.8	-1.36	0.00	0.06
21	7	6	76	6.5	246.2	17.02	20.71	15.22	9.2	232.2	17.38	14.8	214.9	-1.50	0.00	0.01
22	7	6	76	6.6	240.2	16.35	20.74	12.02	7.8	236.5	16.37	14.3	220.1	-1.45	0.00	0.01
23	7	6	76	6.2	230.6	16.57	20.71	7.96	7.8	210.3	17.16	9.3	197.1	-1.02	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	6	76	4.4	233.6	15.65	20.81	9.58	6.1	215.0	16.90	7.6	212.3	-0.46	0.00	0.00
1	8	6	76	6.3	266.1	16.45	21.02	12.05	6.6	229.3	16.54	11.7	223.8	-0.55	0.00	0.00
2	8	6	76	3.7	229.6	16.03	21.46	24.24	6.1	216.4	16.17	12.0	212.6	-0.67	0.00	0.00
3	8	6	76	2.7	141.5	13.93	23.95	23.61	4.2	107.3	14.11	6.9	128.9	-1.04	0.00	0.00
4	8	6	76	2.9	1.7	14.47	24.06	19.47	2.9	87.0	14.10	4.2	122.0	-0.66	0.00	0.00
5	8	6	76	2.3	294.5	14.22	24.74	11.43	2.1	49.3	13.45	5.2	166.4	-1.06	0.00	0.01
6	8	6	76	1.7	11.3	14.68	21.26	21.19	1.7	66.1	15.27	3.1	150.3	-0.75	0.00	0.13
7	8	6	76	3.7	190.0	17.50	19.33	28.55	5.3	214.6	17.50	6.5	222.2	0.34	0.00	0.39
8	8	6	76	12.9	196.3	19.60	19.54	15.22	15.4	201.7	18.84	12.6	216.8	0.81	0.00	0.70
9	8	6	76	12.2	205.7	20.20	19.43	19.27	14.6	214.6	19.30	17.7	223.5	1.12	0.00	1.00
10	8	6	76	12.1	202.0	19.55	19.84	15.95	14.7	205.7	19.33	17.3	216.7	0.94	0.00	0.81
11	8	6	76	12.1	212.1	21.48	18.06	20.00	16.0	204.3	20.70	19.1	212.5	1.28	0.00	1.38
12	8	6	76	13.2	205.6	21.65	17.76	16.25	15.3	204.1	20.37	17.5	219.5	1.41	0.00	1.54
13	8	6	76	12.6	203.2	22.52	17.20	18.10	16.7	209.2	21.78	18.2	225.8	1.31	0.00	1.53
14	8	6	76	10.4	224.7	22.14	17.44	18.13	12.2	219.2	21.70	15.2	237.0	1.18	0.00	1.32
15	8	6	76	11.0	205.2	21.59	17.40	16.34	14.0	205.7	21.24	16.9	217.1	1.01	0.00	1.07
16	8	6	76	11.2	189.8	21.74	17.34	16.44	13.9	196.9	21.35	15.3	212.3	1.03	0.00	0.96
17	8	6	76	11.8	189.6	21.56	17.42	11.37	15.1	196.2	21.44	17.2	205.4	0.67	0.00	0.68
18	8	6	76	14.0	172.0	19.12	19.49	9.80	17.2	172.0	19.22	17.8	173.2	0.56	0.00	0.35
19	8	6	76	7.7	200.1	18.60	20.64	11.05	10.6	195.4	18.73	12.8	197.7	-0.09	0.00	0.11
20	8	6	76	5.0	225.7	17.41	21.84	17.85	7.9	214.7	17.61	12.3	214.7	-0.38	0.00	0.03
21	8	6	76	5.0	190.5	17.20	21.38	14.49	9.9	199.3	17.69	13.2	201.7	-0.67	0.00	0.01
22	8	6	76	4.9	242.7	17.74	21.13	20.31	6.3	271.4	18.12	7.8	249.9	-0.78	0.00	0.01
23	8	6	76	2.6	103.2	16.96	22.16	10.92	3.5	113.3	16.67	3.7	115.9	-0.38	0.00	0.00

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                      RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                  10 - METER LEVEL                    30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR   WS10  WDR10   AT10    RH10    SG10     WS30  WDR30   AT30      WS60  WDR60   DT60     PREC    SI
++ ++ ++ ++  +-------------------------------------+  +--------------------+  +--------------------+  +-----------+

 0  9  6 76   2.3  191.3   15.82   24.22    7.80      4.3  172.1   15.80      6.4  169.7  -0.51    0.00   0.00
 1  9  6 76   7.3  292.6   15.01   23.45    5.20      9.7  297.8   16.06     10.5  299.0  -1.63    0.00   0.00
 2  9  6 76   5.2  220.6   15.05   24.33    7.21      4.2  214.7   15.20      3.1  212.2  -0.56    0.00   0.00
 3  9  6 76  12.2  253.0   15.33   22.71    3.43     13.4  252.1   16.75     13.5  256.0  -1.37    0.00   0.00
 4  9  6 76  11.5  260.6   14.81   22.35    4.26     13.9  256.1   15.63     15.1  245.4  -1.19    0.00   0.00
 5  9  6 76   8.3  267.6   14.10   23.19    9.99      8.1  239.8   14.61     15.7  228.5  -1.50    0.00   0.01
 6  9  6 76   7.9  269.9   15.17   22.34    7.24      7.4  251.9   15.51      9.6  236.5  -0.21    0.00   0.14
 7  9  6 76   3.7  206.2   17.41   20.05   14.69     10.3  213.3   17.04     12.9  229.0   0.69    0.00   0.41
 8  9  6 76   9.7  204.8   18.84   19.21   14.89     11.9  204.6   18.23     14.1  221.3   0.97    0.00   0.71
 9  9  6 76  13.4  191.7   19.87   19.01   15.33     16.9  195.4   18.85     20.0  210.3   1.06    0.00   1.01
10  9  6 76  15.5  189.0   20.32   18.77   14.24     19.0  197.5   19.09     20.2  209.8   1.10    0.00   1.28
11  9  6 76  12.5  216.0   21.39   18.24   16.54     15.1  215.7   20.27     17.6  219.2   1.17    0.00   1.46
12  9  6 76  14.0  202.6   21.67   18.02   16.00     18.5  200.1   20.43     22.6  212.8   1.26    0.00   1.58
13  9  6 76  16.2  202.0   22.41   17.63   15.97     19.6  205.8   21.00     23.0  215.4   1.11    0.00   1.58
14  9  6 76  17.0  194.5   22.63   17.46   15.04     21.1  196.3   21.42     23.1  208.6   1.02    0.00   1.51
15  9  6 76  15.4  193.8   22.60   17.16   14.21     19.5  195.6   21.53     21.3  194.9   0.97    0.00   1.30
16  9  6 76  14.0  200.5   22.74   17.17   15.63     17.5  203.2   21.93     20.0  215.1   0.92    0.00   1.08
17  9  6 76  11.4  216.5   22.62   17.10   14.83     13.7  216.9   22.07     16.8  223.0   0.71    0.00   0.84
18  9  6 76  14.2  197.7   21.85   17.37   13.17     17.1  201.2   21.54     19.2  209.9   0.30    0.00   0.53
19  9  6 76   6.1  237.6   20.63   17.03   16.01      8.0  222.9   20.56     13.5  226.6   0.16    0.00   0.21
20  9  6 76   3.9  243.4   19.60   19.19    4.73     10.2  240.9   20.04     11.7  237.1  -0.62    0.00   0.04
21  9  6 76   9.1  248.6   18.35   19.64    5.15     10.0  233.1   19.12     11.5  224.2  -1.64    0.00   0.01
22  9  6 76  10.1  248.9   18.49   19.54    3.59     10.6  237.5   19.41     11.2  234.9  -1.38    0.00   0.01
23  9  6 76  10.9  255.4   18.93   19.41    2.35     10.4  253.7   19.79     10.8  259.3  -0.76    0.00   0.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
**	**	**	**	WS10	WD10	AT10	RH10	SG10	WS30	WD30	AT30	WS60	WD60	DI60	PREC	SI
0	10	6	76	10.1	252.6	18.30	19.40	2.20	9.5	243.7	19.51	10.0	247.9	-0.49	0.00	0.00
1	10	6	76	7.4	234.2	18.26	19.74	3.21	7.1	217.7	18.22	7.1	217.1	-0.76	0.00	0.00
2	10	6	76	6.2	226.7	17.29	20.25	5.09	6.7	208.8	17.75	7.0	189.3	-0.91	0.00	0.00
3	10	6	76	7.2	232.0	15.90	20.58	9.45	0.9	217.5	16.66	12.0	201.6	-1.45	0.00	0.00
4	10	6	76	9.6	217.1	15.81	20.82	15.79	13.9	212.0	16.32	19.0	207.3	-0.97	0.00	0.00
5	10	6	76	5.1	244.1	15.15	21.07	19.33	7.6	224.6	15.32	14.5	218.3	-0.65	0.00	0.00
6	10	6	76	6.7	214.3	16.17	19.99	16.72	8.5	214.7	16.05	14.0	216.9	0.11	0.00	0.01
7	10	6	76	11.1	188.0	16.90	19.40	12.09	14.0	191.8	16.45	14.8	196.9	0.65	0.00	0.15
8	10	6	76	15.7	178.5	18.00	19.21	10.77	18.4	180.4	17.04	17.7	184.4	0.88	0.00	0.42
9	10	6	76	10.6	177.8	18.54	19.26	14.32	14.0	180.9	17.62	14.4	183.3	1.06	0.00	0.74
10	10	6	76	13.9	174.5	19.25	18.99	13.52	14.3	177.0	18.08	16.7	133.1	1.25	0.00	1.03
11	10	6	76	17.9	172.5	20.63	18.49	12.05	22.0	174.2	19.14	23.5	180.5	1.23	0.00	1.29
12	10	6	76	18.7	189.5	21.50	17.99	13.80	23.9	190.3	20.03	25.7	196.5	0.97	0.00	1.47
13	10	6	76	21.3	181.6	22.27	17.67	12.74	25.5	192.9	20.73	27.0	191.1	0.92	0.00	1.58
14	10	6	76	20.4	196.5	22.54	17.43	13.37	24.9	201.6	21.34	29.7	202.6	0.65	0.00	1.57
15	10	6	76	24.5	196.5	22.33	17.56	13.11	30.2	198.6	21.45	32.2	191.7	0.33	0.00	1.55
16	10	6	76	21.5	190.6	22.43	17.32	12.05	26.4	179.1	21.98	27.7	184.0	0.51	0.00	1.25
17	10	6	76	23.8	178.0	22.57	17.51	12.99	30.7	178.7	21.79	33.3	187.3	0.35	0.00	0.98
18	10	6	76	20.4	174.7	22.06	17.58	12.20	26.2	175.6	21.58	28.0	190.3	0.35	0.00	0.66
19	10	6	76	20.3	195.0	20.87	18.39	13.65	26.4	194.0	20.78	30.1	201.5	0.13	0.00	0.51
20	10	6	76	15.7	199.6	19.40	19.03	12.91	20.0	204.4	19.47	25.5	202.4	0.14	0.00	0.20
21	10	6	76	16.6	204.7	18.88	19.33	13.33	22.0	200.5	18.91	27.1	211.7	0.25	0.00	0.04
22	10	6	76	10.4	210.3	17.42	19.05	17.64	13.8	210.9	17.42	19.2	216.7	0.00	0.00	0.01
23	10	6	76	7.2	208.5	16.04	20.52	12.96	10.4	214.[illegible]	16.14	15.4	214.3	[illegible]	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	6	76	9.7	212.1	14.19	21.44	15.51	13.6	207.1	14.63	17.5	211.0	-0.65	0.00	0.00
1	11	6	76	5.6	226.2	13.36	21.80	15.14	8.4	219.2	13.50	14.6	219.3	-0.58	0.00	0.00
2	11	6	76	6.9	230.0	12.62	22.09	21.69	9.1	228.8	12.60	15.3	226.2	-0.07	0.00	0.00
3	11	6	76	9.4	204.7	11.36	22.27	14.14	10.9	216.1	11.96	15.5	220.9	-0.14	0.00	0.00
4	11	6	76	10.7	198.9	10.97	22.70	12.32	14.9	198.7	11.17	18.0	206.0	-0.23	0.00	0.00
5	11	6	76	8.9	214.2	9.67	23.20	18.15	11.5	216.4	9.76	17.3	223.9	-0.16	0.00	0.01
6	11	6	76	10.6	204.2	10.05	22.30	13.56	12.6	212.5	9.86	17.3	221.9	0.41	0.00	0.15
7	11	6	76	13.6	193.6	10.49	22.11	14.65	17.6	198.0	9.91	20.7	212.7	0.68	0.00	0.42
8	11	6	76	15.2	192.8	10.82	22.15	12.87	22.8	197.7	9.88	25.5	207.5	0.70	0.00	0.72
9	11	6	76	16.7	190.4	11.51	22.04	13.07	20.9	190.4	10.20	22.8	201.5	0.97	0.00	1.10
10	11	6	76	20.4	189.0	11.83	21.89	13.21	25.7	193.9	10.24	27.3	206.5	0.85	0.00	1.34
11	11	6	76	18.8	192.9	12.68	21.55	14.39	23.1	192.5	10.86	26.2	204.3	1.02	0.00	1.58
12	11	6	76	11.2	227.6	12.06	21.64	18.72	14.2	225.0	11.20	18.2	222.6	1.08	0.00	1.06
13	11	6	76	16.1	205.6	12.95	21.41	17.43	19.3	190.5	11.74	21.3	216.3	1.05	0.00	1.12
14	11	6	76	16.0	209.0	12.78	21.26	16.21	20.2	209.9	11.73	24.0	219.4	1.09	0.00	1.07
15	11	6	76	12.4	214.5	13.35	20.89	17.68	16.2	215.6	12.31	18.8	226.3	1.18	0.00	1.03
16	11	6	76	10.5	216.1	12.85	21.19	17.65	14.1	212.9	12.18	16.4	223.4	0.87	0.00	0.72
17	11	6	76	8.5	227.6	12.69	21.25	19.95	10.9	219.1	12.14	12.2	231.2	0.84	0.00	0.59
18	11	6	76	8.1	215.9	11.60	22.53	19.39	10.1	222.8	11.33	13.5	227.3	0.49	0.00	0.21
19	11	6	76	13.4	299.5	3.36	36.98	8.96	15.8	295.6	8.23	17.2	302.3	0.00	0.01	0.09
20	11	6	76	5.7	252.4	5.73	61.68	10.10	7.3	247.5	5.78	8.8	252.3	-0.17	0.01	0.02
21	11	6	76	9.8	256.5	4.81	68.26	8.27	12.1	254.7	4.16	14.3	261.9	2.32	0.04	0.01
22	11	6	76	9.0	250.0	4.34	70.75	6.95	11.2	250.2	4.75	12.1	257.9	-0.89	0.03	0.01
23	11	6	76	5.6	253.0	5.04	67.74	14.17	6.5	235.9	4.93	9.3	241.2	0.25	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	6	75	1.9	43.9	4.71	71.70	17.73	1.9	101.9	4.30	4.2	216.2	0.60	0.00	0.01
1	12	6	75	12.4	252.6	4.04	61.49	10.07	15.2	252.1	4.36	18.1	259.2	0.27	0.00	0.01
2	12	6	75	3.9	263.6	4.41	57.91	27.00	5.1	271.0	4.17	6.5	269.5	0.19	0.00	0.01
3	12	6	75	6.5	276.2	4.36	52.95	14.51	8.6	269.0	4.35	10.5	275.7	0.02	0.00	0.01
4	12	6	75	7.1	247.6	4.20	54.88	10.83	8.6	250.6	4.24	11.4	259.2	0.12	0.00	0.01
5	12	6	75	10.4	242.2	4.49	52.22	8.68	12.2	248.3	4.43	16.3	253.8	0.12	0.00	0.01
6	12	6	75	9.5	252.9	4.66	45.64	7.23	10.9	251.6	4.62	12.1	248.6	0.17	0.00	0.09
7	12	6	75	14.8	255.9	6.44	43.94	7.64	15.7	254.1	6.00	17.6	256.5	0.51	0.00	0.40
8	12	6	75	19.6	262.7	7.24	42.42	7.83	21.8	261.0	6.44	22.9	266.5	0.50	0.00	0.73
9	12	6	75	16.3	254.8	3.69	32.94	11.82	17.4	251.8	7.74	19.5	252.3	0.80	0.00	1.03
10	12	6	75	15.9	256.5	9.94	31.63	11.98	17.7	252.5	8.88	19.8	255.3	0.91	0.00	1.29
11	12	6	75	14.3	248.0	11.57	25.15	14.46	15.8	248.3	10.46	17.1	246.0	1.08	0.00	1.45
12	12	6	75	13.5	256.4	12.08	22.53	13.41	14.2	253.8	11.27	15.4	256.5	0.83	0.00	1.36
13	12	6	75	12.4	256.1	12.78	21.95	13.96	14.1	240.1	11.93	14.7	251.6	0.84	0.00	1.05
14	12	6	75	11.0	243.4	13.77	21.01	18.75	12.4	233.9	12.97	14.4	241.6	1.02	0.00	1.07
15	12	6	75	11.1	209.4	13.75	21.08	17.26	13.9	210.7	13.05	15.4	221.2	0.91	0.00	0.68
16	12	6	75	12.0	201.0	14.07	20.67	14.99	14.2	207.9	13.38	17.0	213.2	0.77	0.00	0.63
17	12	6	75	6.7	218.7	13.81	21.46	19.69	8.4	210.0	13.39	9.8	227.4	0.73	0.00	0.43
18	12	6	75	7.7	203.9	13.83	20.77	17.22	9.6	207.7	13.46	11.7	226.3	0.60	0.00	0.36
19	12	6	75	4.2	218.3	12.97	21.70	18.38	5.0	221.2	12.77	7.6	230.5	0.27	0.00	0.17
20	12	6	75	10.0	211.4	12.22	23.75	15.16	13.7	210.5	12.12	17.9	216.8	0.18	0.00	0.03
21	12	6	75	6.5	269.2	11.45	26.85	4.03	7.3	270.3	11.55	8.6	281.8	-0.02	0.00	0.01
22	12	6	75	5.9	226.9	11.56	26.36	5.94	6.8	233.7	11.77	7.7	239.9	-0.27	0.00	0.01
23	12	6	75	4.7	264.0	11.30	26.56	7.16	5.9	223.5	11.41	7.4	277.0	-0.55	0.00	0.01

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                                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                  10 - METER LEVEL                          30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10      WS30  WDR30    AT30      WS60  WDR60    AT60      PREC     SI
++ ++ ++ ++   +-----------------------------------------+  +--------------------+   +--------------------+  +------------+

 0 13  6 76   5.9  223.3     11.31    26.10     2.77       5.9  228.1   11.51       6.4  241.6   -0.34      0.00     0.01
 1 13  6 76   6.7  252.4     11.82    25.58     3.28       7.2  253.4   12.00       8.7  259.6   -0.23      0.00     0.01
 2 13  6 76   7.2  239.4     10.91    25.29     5.22       8.0  220.6   11.56       8.0  213.1   -0.97      0.00     0.00
 3 13  6 76   5.9  265.2      9.31    23.60    13.97       7.9  250.4   10.07      11.6  227.9   -1.28      0.00     0.00
 4 13  6 76   7.2  211.0     10.31    23.23    15.78       8.6  219.2   10.36      15.9  227.0   -0.22      0.00     0.00
 5 13  6 76  12.2  266.4      9.30    23.66     7.64      15.3  265.4    9.52      18.5  272.6   -0.17      0.00     0.01
 6 13  6 76   4.1  113.0      8.20    27.47    15.04       4.9  327.1    8.30       7.1  274.4   -0.22      0.00     0.08
 7 13  6 76   3.9  132.6     10.02    22.30    11.28       4.0  134.6   10.01       4.1  140.7    0.60      0.00     0.36
 8 13  6 76   5.1  154.3     11.80    22.02    11.96       5.2  156.1   11.45       5.5  150.2    0.61      0.00     0.56
 9 13  6 76  11.3  194.4     15.11    20.67    16.91      13.9  196.4   14.23      15.0  208.7    0.93      0.00     0.87
10 13  6 76  13.4  207.3     16.34    20.27    14.37      23.6  209.5   15.21      29.3  219.6    0.88      0.00     1.18
11 13  6 76  20.6  200.3     16.50    19.98    15.15      26.1  209.9   15.63      32.9  218.2    1.04      0.00     1.78
12 13  6 76  15.7  216.3     16.30    20.06    18.60      20.0  221.4   15.53      27.0  228.3    0.82      0.00     0.90
13 13  6 76  14.5  252.1     15.32    20.80    14.73      16.7  240.7   14.89      22.7  236.3    0.51      0.00     0.55
14 13  6 76  16.4  271.8     15.28    20.97     9.18      18.4  269.5   14.81      19.8  274.8    0.54      0.00     0.43
15 13  6 76  14.9  265.4     14.76    21.68    11.72      16.3  262.2   14.28      19.0  265.3    0.59      0.00     0.44
16 13  6 76  11.7  303.4     14.19    23.70    10.36      13.5  297.4   13.67      14.7  300.9    0.73      0.00     0.41
17 13  6 76  13.3  311.8      9.71    36.17     8.52      15.4  311.3    9.70      17.7  317.5    0.01      0.00     0.14
18 13  6 76  22.1  304.6      7.02    43.04     7.98      24.9  302.4    6.95      28.1  304.5   -2.03      0:00     0.08
19 13  6 76  20.2   10.8      0.62    70.44     8.47      22.5   12.0    0.16      24.4   11.3    0.50      0.02     0.04
20 13  6 76  12.0   41.5     -2.38    75.20     8.20      12.9   44.7   -2.64      14.0   40.6    0.45      0.12     0.01
21 13  6 76   4.7   63.7     -3.02    78.63     2.24       5.3   62.3   -3.21       6.2   58.1   -0.53      0.08     0.01
22 13  6 76   3.9   61.5     -3.28    78.84     3.19       4.5  112.4   -3.36       5.7  106.6   -1.26      0.11     0.00
23 13  6 76   5.0   90.1     -3.36    78.43     1.67       6.4  109.2   -3.47       7.9  104.0    3.11      0.09     0.00
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                 30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR    WS10  WD10    AT10    RH10    SG10    WS30  WD30   AT30      WS60  WD60    DT60      PREC    SI
** ** ** **   +-----------------------------------+  +------------------+  +------------------+  +-----------+

 0 14  6 76   5.5  133.1    -5.27   78.14    1.95     6.4  127.0  -3.70     7.4  128.2    0.50     0.01    0.00
 1 14  6 76   3.1  141.2    -5.30   77.60    1.62     3.8  176.5  -3.74     4.3  179.8    0.32     0.01    0.00
 2 14  6 76   6.3  208.3    -5.27   76.68    4.59     8.0  208.4  -3.78     9.0  211.5    0.27     0.08    0.00
 3 14  6 76   7.1  215.2    -3.30   72.75    3.92     9.3  207.6  -3.77    10.6  205.0   -0.25     0.00    0.01
 4 14  6 76  10.3  239.6    -3.11   70.16    5.98    13.3  239.4  -2.94    16.2  244.1   -0.23     0.00    0.00
 5 14  6 76   7.0  226.0    -3.74   72.35   10.64    10.2  234.1  -3.62    15.6  251.6   -0.32     0.00    0.00
 6 14  6 76   6.5  180.1    -3.65   67.21    5.23     8.5  188.6  -3.52     9.7  217.2   -0.38     0.00    0.01
 7 14  6 76   6.2  184.1    -1.47   48.65   13.01     7.5  193.5  -1.93     8.4  221.7    0.34     0.00    0.02
 8 14  6 76  10.0  217.8    -0.03   48.17   17.56    11.4  220.8  -0.92    14.3  231.6    0.48     0.00    0.04
 9 14  6 76   6.0  243.4     1.29   47.08   18.65     7.0  234.8   0.13     8.7  237.9    0.73     0.00    0.09
10 14  6 76   8.7  244.3     2.24   44.43   14.88     9.1  229.9   1.19    11.1  233.7    0.64     0.00    0.20
11 14  6 76   9.0  252.3     3.66   41.67   12.99    10.3  246.7   2.56    11.5  243.4    0.69     0.00    1.14
12 14  6 76  11.3  285.7     4.89   33.65   11.70    12.7  279.1   4.21    13.5  279.5    0.70     0.00    1.49
13 14  6 76  10.5  292.8     6.17   29.07   11.46    12.5  281.9   5.48    14.0  286.3    0.81     0.00    1.50
14 14  6 76  12.0  273.5     7.41   27.39   10.75    13.6  272.7   6.47    14.7  274.2    0.92     0.00    1.56
15 14  6 76  11.8  314.2     7.98   26.13   12.71    13.1  306.0   7.20    14.3  310.6    0.89     0.00    1.36
16 14  6 76  13.9  305.5     8.70   24.86    9.76    15.5  305.8   7.94    16.6  309.1    0.86     0.00    1.15
17 14  6 76  14.0  305.5     9.13   24.43    9.72    15.1  300.8   8.49    16.0  306.9    0.78     0.00    0.88
18 14  6 76   6.7  337.2     8.32   26.94   19.83     7.6  333.9   8.13     8.4  340.8    0.40     0.00    0.29
19 14  6 76  10.7   12.0     8.23   28.67    3.42    12.0   15.8   8.01    12.6   19.5    0.46     0.00    0.19
20 14  6 76  10.4   19.9     6.28   37.06    6.32    11.8   25.4   6.25    13.0   24.6    0.14     0.00    0.04
21 14  6 76   8.8  357.5     5.07   42.22  999.00    10.4  355.3   5.20    11.9    2.9   -0.08     0.00    0.01
22 14  6 76   5.2  355.0     4.74   44.20  999.00     6.2  357.2   4.65     7.8    0.8    0.14     0.00    0.00
23 14  6 76   4.6  306.3     4.16   48.42    7.41     4.5  332.6   4.20     4.9    4.4   -0.20     0.00    0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	6	76	3.9	329.8	3.32	54.28	23.34	5.7	357.5	3.76	7.8	12.3	-0.94	0.00	0.00
1	15	6	76	3.9	297.4	3.79	54.43	4.85	2.8	319.6	3.59	3.2	35.9	-0.23	0.00	0.00
2	15	6	76	3.7	279.8	3.93	55.38	4.78	3.3	287.0	3.67	1.5	259.7	-0.14	0.00	0.00
3	15	6	76	4.0	274.7	3.68	56.00	7.37	3.1	254.4	3.62	2.9	195.7	-0.40	0.00	0.00
4	15	6	76	3.6	216.4	4.21	54.79	7.76	3.1	138.9	3.98	2.0	169.3	-0.10	0.00	0.00
5	15	6	76	3.6	227.9	4.22	54.06	4.35	3.2	207.2	4.07	3.1	191.7	0.04	0.00	0.01
6	15	6	76	3.9	207.5	4.12	53.16	7.63	3.2	193.7	4.12	2.9	191.3	-0.09	0.00	0.08
7	15	6	76	3.7	172.6	5.10	38.49	6.11	4.1	176.0	5.07	4.3	182.5	0.48	0.00	0.33
8	15	6	76	3.8	60.7	6.79	31.77	26.74	4.1	67.0	7.16	5.2	52.4	0.48	0.00	0.70
9	15	6	76	4.1	141.0	7.59	33.62	21.50	4.6	139.7	7.47	4.9	107.8	0.57	0.00	0.82
10	15	6	76	6.5	94.2	8.90	30.52	13.76	7.3	96.2	9.33	7.6	85.9	0.71	0.00	1.17
11	15	6	76	5.6	170.6	10.37	25.70	16.39	6.4	171.2	9.73	6.4	181.3	0.80	0.00	1.42
12	15	6	76	5.0	205.2	12.09	24.58	22.36	5.8	228.0	11.55	6.4	233.7	0.70	0.00	1.57
13	15	6	76	8.0	237.0	13.28	21.57	14.53	9.3	242.4	12.46	9.1	248.7	0.87	0.00	1.59
14	15	6	76	9.3	267.2	14.93	20.68	20.43	10.4	268.4	14.02	11.8	275.0	1.04	0.00	1.52
15	15	6	76	9.0	263.9	15.75	19.75	13.90	10.5	263.9	14.88	11.2	269.3	0.93	0.00	1.38
16	15	6	76	6.7	249.2	16.84	18.63	22.93	8.1	247.9	16.24	8.7	249.1	0.83	0.00	1.13
17	15	6	76	9.4	260.0	17.08	19.29	12.57	10.9	258.3	16.50	12.0	263.4	0.80	0.00	0.86
18	15	6	76	8.1	288.5	16.90	19.39	10.48	9.0	285.7	16.62	9.4	290.4	0.63	0.00	0.55
19	15	6	76	7.6	235.5	15.19	20.32	13.77	9.6	214.2	15.15	13.7	221.4	0.21	0.00	0.21
20	15	6	76	5.6	228.7	12.99	23.01	19.02	9.0	223.9	13.06	16.4	220.1	-0.33	0.00	0.04
21	15	6	76	5.9	244.0	12.26	23.14	17.23	8.5	223.3	12.37	16.1	221.4	-0.41	0.00	0.01
22	15	6	76	4.7	245.5	11.60	23.08	19.94	6.6	217.1	11.72	13.1	225.2	-0.56	0.00	0.00
23	15	6	76	5.9	212.7	11.74	22.65	18.27	7.9	221.3	11.83	14.7	225.6	-0.37	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

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                     10 - METER LEVEL                          30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR    WS10  WD10    AT10     RH10     SG10       WS30  WD30    AT30      WS60  WD60    DT60     PREC     SI
** ** ** **   +--------------------------------------+   +--------------------+   +--------------------+  +------------+

 0 16  6 76   6.3  244.9    11.28    22.83    13.44       7.1  244.5   11.37     11.8  229.3   -0.43     0.00     0.00
 1 16  6 76   5.7  239.1    11.25    22.96    14.23       6.6  241.7   11.38     11.3  227.9   -0.22     0.00     0.00
 2 16  6 76   5.7  222.2    11.21    22.61    17.59      10.2  221.9   12.36     17.2  225.6   -0.17     0.00     0.00
 3 16  6 76   6.7  227.6    11.08    22.47    21.62       9.4  220.3   12.35     16.4  227.8   -0.24     0.00     0.00
 4 16  6 76   5.7  232.2    12.03    22.53    23.41       7.8  217.9   12.38     14.5  222.5   -0.30     0.00     0.00
 5 16  6 76   8.5  210.2    12.65    22.02    16.17      11.0  212.2   12.72     16.7  219.6   -0.24     0.00     0.01
 6 16  6 76   6.8  232.7    12.75    21.90    22.29       9.4  223.9   12.73     15.4  226.8    0.01     0.00     0.07
 7 16  6 76   7.4  221.4    13.43    21.40    19.70       9.9  215.6   13.24     14.9  227.5    0.32     0.00     0.26
 8 16  6 76  10.7  213.6    14.26    21.12    16.72      14.9  211.1   14.09     20.2  222.1    0.32     0.00     0.30
 9 16  6 76  12.1  233.4    15.01    20.63    19.99      15.0  226.1   14.63     20.9  231.9    0.50     0.00     0.47
10 16  6 76  15.7  222.9    17.01    19.62    19.10      20.1  217.2   16.08     26.3  228.1    0.25     0.00     1.00
11 16  6 76  13.3  214.4    17.36    19.39    18.23      16.3  216.2   16.55     19.4  229.4    1.01     0.00     1.28
12 16  6 76  11.1  252.0    16.95    19.39    13.67      12.0  239.5   16.89     14.1  231.2    0.70     0.00     0.96
13 16  6 76   8.9  234.7    18.03    19.05    19.27      10.2  225.2   17.47     11.9  230.8    0.85     0.00     0.79
14 16  6 76  10.9  309.8    17.12    19.58     9.10      22.4  305.3   16.01     22.9  310.6    0.93     0.00     1.18
15 16  6 76  10.6  316.9    15.43    20.44     8.13      21.7  315.7   14.86     22.6  319.9    0.65     0.00     0.85
16 16  6 76  16.0  320.9    14.23    20.68    10.07      17.5  316.9   14.43     19.1  319.7    0.62     0.00     0.54
17 16  6 76  10.7   52.5    14.71    21.02    11.32      11.9   54.0   14.08     12.1   52.3    0.99     0.00     0.81
18 16  6 76   7.2   38.5    13.51    21.27    17.82       8.2   30.1   13.19      8.9   45.0    0.59   999.00     0.39
19 16  6 76   9.3   44.1    11.66    25.87     8.51      10.6   46.9   11.40     11.5   47.3    0.48     0.00     0.09
20 16  6 76   4.5  101.0    11.13    25.74    16.43       5.2  111.5   10.28      6.1  102.1    0.25     0.00     0.02
21 16  6 76   5.4   95.3    10.07    27.37    16.52       6.7  101.4    9.23      6.8  102.1    0.31     0.00     0.01
22 16  6 76   7.6  342.8     5.67    77.46    27.71       9.1  340.1    5.22     10.3  346.2    0.57     0.11     0.01
23 16  6 76   9.7  302.3     6.08    76.05     8.56      12.0  239.4    5.52     14.3  303.8   -1.54     0.04     0.01
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	6	76	13.6	200.2	5.29	77.05	9.51	16.2	204.0	5.27	19.2	212.8	0.22	0.02	0.01
1	17	6	76	7.6	252.9	6.74	65.96	16.32	10.2	247.2	6.92	13.3	249.5	-0.21	0.00	0.01
2	17	6	76	2.4	323.2	5.96	66.80	16.73	3.0	1.1	5.77	3.4	20.0	-0.51	0.00	0.01
3	17	6	76	5.2	349.6	4.97	72.56	21.23	6.1	344.1	4.88	6.6	347.5	-0.02	0.00	0.01
4	17	6	76	2.3	217.6	4.43	80.09	14.48	2.9	245.0	4.43	3.0	278.6	-0.28	0.00	0.01
5	17	6	76	2.3	258.4	5.12	76.21	5.53	1.3	323.8	4.45	1.9	54.5	-0.48	0.00	0.01
6	17	6	76	3.7	237.0	6.62	67.56	10.44	5.7	251.9	7.06	7.1	260.1	-0.54	0.00	0.03
7	17	6	76	9.3	301.2	6.93	60.54	7.91	9.4	301.7	7.25	9.1	314.7	-0.17	0.00	0.09
8	17	6	76	3.2	202.8	7.37	54.78	10.54	7.1	197.6	7.26	2.6	214.0	0.31	0.05	0.28
9	17	6	76	5.6	103.0	3.78	48.67	10.66	5.8	103.8	8.55	6.1	106.2	0.56	0.00	0.88
10	17	6	76	5.9	117.5	3.64	49.94	11.13	6.2	114.3	8.20	6.2	115.0	0.65	0.00	0.80
11	17	6	76	9.9	152.0	6.94	58.98	9.65	11.1	175.3	7.12	10.2	131.6	-0.01	0.08	0.43
12	17	6	76	7.7	158.3	9.35	36.19	13.95	8.2	161.5	8.97	8.4	162.9	0.74	0.00	1.44
13	17	6	76	10.4	149.2	9.75	46.65	10.12	11.7	166.0	9.52	11.8	163.7	0.68	0.00	0.93
14	17	6	76	21.3	254.7	5.80	58.82	10.22	25.7	248.5	6.26	27.4	247.7	-1.79	0.03	0.30
15	17	6	76	6.2	257.6	3.00	75.31	9.05	7.0	233.9	5.71	8.0	224.9	-0.81	0.53	0.32
16	17	6	76	2.6	157.1	4.97	57.86	21.08	2.2	149.7	8.18	2.7	146.2	0.48	0.00	0.55
17	17	6	76	3.6	20.1	5.60	57.69	20.51	3.3	14.8	8.63	3.2	23.8	0.47	0.00	0.42
18	17	6	76	3.4	266.0	5.71	68.59	8.21	3.4	239.9	8.68	4.4	220.3	0.50	0.00	0.12
19	17	6	76	7.1	192.7	3.73	70.79	9.39	9.0	190.4	7.12	9.7	198.0	0.07	0.01	0.13
20	17	6	76	4.6	306.9	3.47	71.73	13.49	5.5	316.1	7.16	6.0	328.7	-0.56	0.00	0.04
21	17	6	76	6.5	312.5	3.62	72.49	7.40	8.3	317.3	7.16	10.0	332.1	-0.31	0.00	0.01
22	17	6	76	4.2	324.5	1.51	79.45	22.55	5.2	339.7	4.87	6.4	2.6	0.24	0.00	0.01
23	17	6	76	4.4	211.7	1.40	92.94	5.79	4.2	203.9	4.81	3.9	193.4	0.01	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 61 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SR
0	18	6	76	5.9	192.3	1.52	82.52	5.26	6.6	236.0	5.97	6.9	252.9	0.04	0.00	0.00
1	18	6	76	5.2	243.2	1.42	82.33	6.73	6.2	231.1	4.90	6.9	226.7	-0.65	0.00	0.00
2	18	6	76	2.2	237.7	1.42	72.98	13.47	2.6	240.6	4.95	4.3	226.9	-1.44	0.00	0.00
3	18	6	76	2.2	75.9	1.22	75.18	15.61	2.6	337.3	4.66	9.7	257.3	-1.25	0.00	0.00
4	18	6	76	10.5	253.2	3.55	66.25	2.83	11.7	252.3	7.31	12.5	262.5	-0.20	0.00	0.00
5	18	6	76	6.8	266.3	3.54	66.38	4.71	7.3	262.7	7.11	7.9	261.9	-0.14	0.00	0.01
6	18	6	76	1.7	51.6	3.47	54.32	22.70	2.1	294.7	7.53	3.5	272.0	0.33	0.00	0.14
7	18	6	76	3.2	267.3	4.81	52.47	22.24	5.0	257.9	8.49	5.8	264.2	0.63	0.00	0.40
8	18	6	76	2.7	254.1	5.22	52.44	12.52	10.2	252.7	9.23	11.3	254.4	0.61	0.00	0.71
9	18	6	76	15.0	260.5	6.82	50.03	9.91	16.7	258.4	9.33	18.3	265.5	0.72	0.00	1.02
10	18	6	76	14.6	289.9	6.36	44.32	12.85	16.3	282.5	10.67	17.3	287.4	0.73	0.00	1.22
11	18	6	76	17.7	287.3	3.60	32.21	9.21	19.2	272.8	10.97	21.2	234.1	0.78	0.00	1.37
12	18	6	76	15.4	273.0	12.59	28.76	10.38	17.5	267.3	11.68	18.5	273.7	0.72	0.00	1.54
13	18	6	76	12.4	262.1	13.75	23.08	12.17	13.7	262.3	12.83	14.6	263.3	0.88	0.00	1.61
14	18	6	76	11.7	291.4	14.70	22.07	13.37	13.0	292.7	13.26	13.9	295.7	1.04	0.00	1.48
15	18	6	76	11.1	302.4	14.92	21.60	11.33	12.7	302.5	14.16	13.4	307.9	0.92	0.00	1.20
16	18	6	76	12.6	330.8	15.53	21.05	20.47	13.4	326.1	14.87	13.9	322.1	0.74	0.00	1.11
17	18	6	76	9.6	325.4	16.14	20.37	22.57	11.3	318.0	15.58	12.5	312.8	0.83	0.00	0.90
18	18	6	76	11.9	43.6	15.04	22.97	8.76	13.1	47.5	14.73	13.7	59.8	0.64	0.00	0.54
19	18	6	76	10.9	50.4	13.24	31.29	7.89	12.4	56.6	13.97	13.4	55.2	0.42	0.00	0.22
20	18	6	76	3.5	17.8	11.40	40.91	23.78	6.4	37.6	11.45	9.9	47.7	-0.27	0.00	0.04
21	18	6	76	2.6	25.1	10.15	50.01	24.52	4.6	31.7	10.20	7.4	46.8	-0.12	0.00	0.01
22	18	6	76	2.5	99.9	9.90	57.79	9.25	3.9	89.5	9.72	5.4	96.0	0.10	0.00	0.00
23	18	6	76	5.1	203.5	9.46	54.39	4.52	2.9	304.7	9.17	2.1	37.5	-0.12	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WD260	DT60	PREC	SI
0	19	6	76	3.0	254.2	9.36	53.00	3.93	2.7	289.8	9.04	1.4	167.1	-0.16	0.00	0.00
1	19	6	76	4.3	236.3	9.76	52.51	4.67	4.0	221.5	9.42	3.8	205.7	0.12	0.00	0.00
2	19	6	76	5.5	239.2	10.09	47.53	4.22	4.9	230.7	10.00	4.4	217.0	0.04	0.00	0.00
3	19	6	76	1.7	229.1	10.79	43.85	8.45	1.6	241.7	9.16	2.0	197.3	0.11	0.00	0.00
4	19	6	76	2.0	124.0	9.57	52.13	5.79	2.8	103.3	9.05	2.4	121.6	-0.33	0.00	0.00
5	19	6	76	1.4	177.7	8.43	57.10	5.79	2.2	156.9	7.27	3.2	153.5	-0.24	0.00	0.01
6	19	6	76	3.0	217.0	9.25	43.63	11.97	3.2	200.8	9.27	3.5	204.3	0.15	0.00	0.15
7	19	6	76	2.4	141.6	11.36	25.63	11.14	2.9	152.9	12.05	3.5	182.6	0.39	0.00	0.41
8	19	6	76	4.1	143.5	13.01	23.33	15.56	4.3	143.0	13.06	4.5	149.8	0.64	0.00	0.72
9	19	6	76	4.4	192.3	14.45	23.74	14.02	4.4	169.3	14.23	4.1	160.3	0.48	0.00	1.02
10	19	6	76	8.9	260.4	16.24	21.17	13.07	9.7	261.4	15.62	10.1	263.5	0.75	0.00	1.28
11	19	6	76	8.2	253.7	17.23	20.11	12.07	9.7	255.4	16.39	10.2	264.1	0.83	0.00	1.48
12	19	6	76	6.0	251.9	18.51	19.88	13.94	7.1	248.2	17.67	7.4	259.6	0.75	0.00	1.59
13	19	6	76	8.1	274.3	19.75	18.15	16.56	9.8	269.0	18.81	10.6	268.5	0.96	0.00	1.59
14	19	6	76	8.7	275.7	20.73	17.68	15.81	9.6	271.1	20.04	10.2	276.9	0.88	0.00	1.52
15	19	6	76	9.4	287.0	21.62	17.61	13.82	10.4	284.3	21.09	11.5	288.3	0.86	0.00	1.38
16	19	6	76	9.3	277.6	22.06	17.63	12.73	10.0	273.0	21.60	10.5	279.2	0.88	0.00	1.14
17	19	6	76	9.5	277.7	21.92	17.81	11.61	9.6	273.4	21.72	10.7	270.8	0.68	0.00	0.87
18	19	6	76	7.7	264.5	21.86	17.91	9.00	8.9	267.8	21.92	9.6	272.3	0.56	0.00	0.56
19	19	6	76	2.6	306.1	21.10	17.81	3.73	3.2	298.3	22.38	3.4	299.6	0.15	0.00	0.23
20	19	6	76	2.1	262.9	20.06	19.77	7.40	2.2	292.9	19.59	1.7	51.6	-0.43	0.00	0.05
21	19	6	76	6.7	228.1	19.10	19.84	4.70	6.7	211.0	19.68	6.5	197.8	-0.55	0.00	0.01
22	19	6	76	4.4	270.3	18.30	20.27	6.57	4.0	261.9	18.06	4.6	233.6	-0.45	0.00	0.01
23	19	6	76	8.4	257.3	18.45	19.98	11.26	9.9	231.9	18.94	15.3	212.9	-2.09	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   61 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DA	MO	YR	WS10	WD10	AT10	DP10	SG10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SR
0	20	6	76	5.4	181.7	17.93	20.22	17.87	8.3	222.1	18.52	14.0	219.9	-2.09	0.00	0.00
1	20	6	76	2.8	55.6	16.32	21.42	10.51	2.5	96.9	16.26	5.3	223.5	-1.18	0.00	0.00
2	20	6	76	2.7	283.0	16.74	21.34	15.22	2.3	308.9	15.89	2.2	192.3	-0.60	0.00	0.00
3	20	6	76	6.5	257.1	19.42	19.65	6.96	7.2	245.3	19.75	7.8	235.2	-0.39	0.00	0.00
4	20	6	76	3.6	277.7	17.91	21.24	5.97	4.2	258.6	17.19	4.3	233.8	-1.31	0.00	0.00
5	20	6	76	6.6	257.9	16.69	20.95	16.25	10.1	215.2	17.56	16.1	201.9	-2.46	0.00	0.01
6	20	6	76	6.2	273.1	18.38	19.69	20.65	9.1	211.3	18.53	13.3	219.9	-0.39	0.00	0.15
7	20	6	76	3.6	99.8	19.34	13.59	13.65	3.6	162.9	19.02	6.5	198.5	-0.74	0.00	0.35
8	20	6	76	4.3	129.0	20.34	17.71	13.65	5.4	158.3	20.51	7.0	185.6	0.05	0.00	0.69
9	20	6	76	6.4	201.0	22.56	18.27	17.59	7.6	201.3	22.29	10.0	211.7	0.67	0.00	0.90
10	20	6	76	14.4	187.3	24.01	19.16	15.68	17.3	198.4	23.08	20.7	212.6	0.27	0.00	1.24
11	20	6	76	13.9	207.0	25.00	19.37	16.52	17.8	202.5	24.02	20.4	219.2	1.09	0.00	1.40
12	20	6	76	15.2	208.0	25.02	18.73	17.37	20.1	209.7	24.12	25.2	220.3	1.00	0.00	1.59
13	20	6	76	18.5	208.0	25.43	17.59	16.69	22.6	207.7	24.64	28.0	221.8	0.72	0.00	1.62
14	20	6	76	15.7	195.8	25.69	17.15	16.52	20.7	202.0	25.04	25.3	217.1	0.73	0.00	1.52
15	20	6	76	16.0	198.7	25.32	17.21	15.29	19.0	202.3	24.81	23.1	215.3	0.79	0.00	1.24
16	20	6	76	14.1	221.2	25.88	16.89	16.91	16.0	218.4	25.61	19.9	224.4	0.74	0.00	1.08
17	20	6	76	13.9	211.9	25.19	17.07	16.21	17.2	214.9	25.19	21.5	218.6	0.45	0.00	0.82
18	20	6	76	11.5	205.2	24.01	17.33	15.40	13.2	212.2	24.37	17.9	222.6	0.22	0.00	0.45
19	20	6	76	12.0	206.5	23.42	17.52	12.62	15.7	210.1	23.86	20.1	219.2	0.11	0.00	0.24
20	20	6	76	8.8	212.0	22.19	18.48	12.73	12.5	208.3	22.51	17.6	214.7	-0.40	0.00	0.06
21	20	6	76	8.2	215.4	21.37	19.93	13.83	11.9	215.1	21.72	17.8	214.2	-0.64	0.00	0.01
22	20	6	76	7.9	214.1	20.72	19.07	17.24	11.9	213.2	21.03	13.7	214.2	-0.67	0.00	0.01
23	20	6	76	12.6	211.8	21.11	18.88	14.49	14.0	213.2	21.36	20.2	217.6	-0.39	0.00	0.00

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                                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                          30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10    RH10     SG10       WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++   +-----------------------------------------+  +-------------------+  +--------------------+  +-----------+

 0 21  6 76   7.1  213.0    19.97   19.32    17.82       9.7  216.2   20.08    17.6  228.6   -0.32     0.00     0.00

 1 21  6 76   8.8  270.2    18.31   19.91    11.20       9.2  247.8   18.55    12.6  227.6   -0.41     0.00     0.00

 2 21  6 76  11.7  271.2    16.96   20.30     5.81      12.2  249.7   17.47    15.6  237.4   -0.90     0.00     0.00

 3 21  6 76  13.8  253.3    17.32   20.18     3.85      16.4  253.6   18.15    18.2  246.4   -0.82     0.00     0.00

 4 21  6 76  12.2  256.2    17.19   20.24     4.32      14.7  255.4   18.19    16.1  254.0   -0.33     0.00     0.00

 5 21  6 76  12.0  251.6    17.41   20.20     4.70      14.5  251.0   18.13    15.5  252.1   -0.58     0.00     0.01

 6 21  6 76   9.5  257.0    17.45   19.81     5.36      12.3  254.7   18.12    12.7  251.0   -0.39     0.00     0.15

 7 21  6 76   6.9  204.9    19.33   18.30    17.13       8.6  210.8   19.07    11.3  223.3    0.53     0.00     0.41

 8 21  6 76   7.5  194.3    20.92   17.79    16.91       9.3  202.2   20.34    10.1  223.7    0.93     0.00     0.72

 9 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

10 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

11 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

12 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

13 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

14 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

15 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

16 21  6 76999.0  999.0   999.00  999.00   999.00     999.0  999.0  999.00   999.0  999.0  999.00     0.00   999.00

17 21  6 76  11.4  216.9    24.81   18.58    16.29      13.8  212.3   24.86    17.7  224.0    0.63     0.00     0.93

18 21  6 76  11.7  222.0    24.09   18.86    14.40      15.6  200.2   24.37    17.3  200.2    0.25     0.00     0.72

19 21  6 76   9.2  217.1    22.66   20.01    15.01      12.5  214.3   23.14    18.3  219.3   -0.05     0.00     0.23

20 21  6 76   5.5  220.0    21.14   20.07    22.04       8.7  214.3   21.33    15.0  214.5   -0.68     0.00     0.04

21 21  6 76   4.0  211.4    19.76   20.35    20.44       7.7  208.6   20.15    12.3  205.3   -0.04     0.00     0.01

22 21  6 76  12.3  208.2    19.61   21.00    11.73      16.5  204.1   19.77    20.1  210.2   -0.03     0.00     0.00

23 21  6 76  11.1  222.7    18.59   20.98    11.24      14.8  209.8   18.72    19.8  213.5   -0.10     0.00     0.00
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                           RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                  30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR   WS10  WD10    AT10    RH10    SG10      WS30  WD30    AT30       WS60  WD60    DT60      PREC    SI
** ** ** **  +-----------------------------------+    +--------------------+   +--------------------+  +-----------+

 0 22  6 76   9.0  104.0   19.32   21.50   19.24      11.4  214.0   19.46      17.9  221.7   -0.27     0.00    0.00
 1 22  6 76   3.6  209.3   17.75   22.07   12.79      11.8  209.8   18.77      16.8  217.2   -0.42     0.00    0.00
 2 22  6 76   3.7  214.1   16.74   22.93   13.41      12.5  212.6   16.88      16.9  214.6   -0.29     0.00    0.00
 3 22  6 76  13.1  201.3   17.00   22.19   13.90      23.8  203.8   17.88      22.3  215.8    0.38     0.00    0.01
 4 22  6 76  13.2  262.0   12.44   40.50   13.26      15.4  251.5   12.42      20.3  258.8  999.00     0.00    0.01
 5 22  6 76  14.2  255.6   11.23   67.77    7.36      19.9  250.2   10.33      24.0  255.2  999.00     0.00    0.01
 6 22  6 76   7.2  255.0    9.74   73.96    8.28       9.1  279.5    9.47      11.8  281.6   -0.87     0.00    0.02
 7 22  6 76   7.9  289.3   10.72   72.22   12.44       6.0  294.4   10.86       7.0  306.6   -0.34     0.00    0.10
 8 22  6 76   7.3   64.2   12.08   64.06   11.73       8.7   61.2   11.73       9.5   61.4    0.72     0.00    0.58
 9 22  6 76   4.1   55.9   11.42   63.34   20.70       4.3   58.8   11.40       4.4   58.8    0.47     0.00    0.44
10 22  6 76   7.1   90.7   11.52   62.63   10.34       7.9   80.0   11.63       8.7   80.5    0.66     0.00    0.83
11 22  6 76   3.9   88.3   13.22   58.65   10.45      10.3   90.1   12.35      11.8   96.7    0.80     0.00    1.35
12 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
13 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
14 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
15 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
16 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
17 22  6 76999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00     0.00  999.00
18 22  6 76  23.6  289.0   10.51   66.13    9.44      27.6  284.5   10.42      31.3  291.3   -2.00     0.00    0.34
19 22  6 76  17.1  314.8    8.24   72.02    8.08      19.8  298.5    8.35      22.1  315.4    0.44     0.00    0.10
20 22  6 76   7.4    7.5    8.21   74.53   26.60       7.7    6.1    7.25       8.3    2.5    0.48     0.00    0.02
21 22  6 76  14.8   30.3    7.29   78.32    7.87      17.7   34.6    6.72      18.2   35.6    0.41     0.00    0.01
22 22  6 76   6.2   35.4    6.81   75.69   15.94       7.1   36.6    6.53       7.6   37.1    0.47     0.00    0.01
23 22  6 76   3.7  204.5    6.40   78.19   10.41       3.7  192.1    6.14       3.5  179.4    0.48     0.00    0.01
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                          RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                       10 - METER LEVEL                    30 - METER LEVEL         60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10    RH10    SG10      WS30  WDR30   AT30     WS60  WDR60   DT60      PREC    SI
++ ++ ++ ++    +-----------------------------------+    +-------------------+   +-------------------+   +-----------+

  0 23  6 76   2.9  299.6      6.26   78.03    5.09      2.7  312.5    5.86     2.0  349.3    0.23      0.00    0.00

  1 23  6 76   3.0  287.9      6.46   76.38    3.79      2.4  292.8    5.93     1.5  311.4    0.17      0.00    0.00

  2 23  6 76   3.8  307.9      6.36   70.14    5.24      3.7  323.0    6.27     3.8   21.7   -0.39      0.00    0.00

  3 23  6 76   6.5  297.5      6.00   66.80    4.01      6.4  315.8    6.37     5.9  348.6   -0.70      0.00    0.00

  4 23  6 76   4.9  299.0      6.90   64.19    4.85      5.0  309.9    6.32     4.6  341.0    0.02      0.00    0.00

  5 23  6 76   2.7  279.7      7.32   62.71    2.32      2.5  287.4    7.01     2.2  235.5    0.34      0.00    0.01

  6 23  6 76   2.3  256.8      7.41   60.31    9.64      2.2  261.0    7.26     2.1  247.0    0.27      0.00    0.11

  7 23  6 76   6.3  317.6      8.51   51.43   14.44      7.1  313.5    8.29     7.2  321.7    0.65      0.00    0.40

  8 23  6 76   9.0  339.0      8.83   50.39   21.72      9.8  333.9    8.59    10.0  339.8    0.73      0.00    0.59

  9 23  6 76   7.1  289.0      9.63   47.93   12.63      7.7  282.8    9.28     7.9  286.9    0.79      0.00    0.78

 10 23  6 76   9.4  256.8     10.15   42.02   11.26     10.0  263.3    9.35    10.4  265.9    0.63      0.00    0.93

 11 23  6 76999.0  999.0    999.00  999.00  999.00    999.0  999.0  999.00   999.0  999.0  999.00      0.00  999.00

 12 23  6 76999.0  999.0    999.00  999.00  999.00    999.0  999.0  999.00   999.0  999.0  999.00      0.00  999.00

 13 23  6 76  14.1  258.2     13.55   23.23   13.35     13.6  250.3   12.37    11.8  255.5    0.90      0.00    0.50

 14 23  6 76  11.8  258.1     14.37   21.16   16.53     12.5  253.8   13.49    13.9  257.0    0.95      0.00    1.31

 15 23  6 76  13.5  274.9     14.90   21.10   11.38     14.8  269.7   14.06    15.5  272.4    0.32      0.00    1.35

 16 23  6 76  14.3  277.7     15.12   21.40   11.02     16.2  275.6   14.56    18.2  283.4    0.67      0.00    0.93

 17 23  6 76  15.4  301.3     14.30   21.60  999.00     17.8  293.7   14.20    20.0  298.7    0.41      0.00    0.52

 18 23  6 76  11.3    3.0     12.52   28.13  999.00     12.5  358.5   12.22    12.4    1.7    0.71      0.00    0.40

 19 23  6 76  14.5  358.9     10.83   27.21    6.12     16.3  356.1   10.72    16.5  359.2    0.51      0.00    0.23

 20 23  6 76   5.4  312.2      8.23   34.53    5.10      7.0  328.1    9.05     6.8  351.4   -0.71      0.00    0.04

 21 23  6 76   7.0  289.7      8.34   32.59   12.24      7.5  307.0    9.27     6.8  333.0   -0.66      0.00    0.01

 22 23  6 76   9.0  325.5      8.37   29.06    4.50     10.8  320.2    8.98    12.4  328.6   -0.07      0.00    0.01

 23 23  6 76   9.6  307.7      7.70   23.66    5.51     11.7  313.7    8.33    12.5  328.3   -0.50      0.00    0.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WSPD	WDIR	ATMP	[illegible]	SIGT	WSPD	WDIR	ATMP	WSPD	WDIR	DTMP	PREC	SI
0	24	6	76	7.3	306.0	6.12	31.43	6.66	8.7	322.0	7.05	9.9	343.6	-1.16	0.00	0.00
1	24	6	76	5.8	224.5	5.99	30.81	9.00	5.5	319.5	6.17	5.8	356.7	-0.56	0.00	0.00
2	24	6	76	2.8	260.9	5.25	31.00	7.66	2.9	282.3	5.48	2.7	322.5	0.15	0.00	0.00
3	24	6	76	2.1	278.7	6.42	31.94	4.70	1.8	242.4	5.46	2.0	258.9	0.30	0.00	0.00
4	24	6	76	5.8	270.5	6.12	30.94	999.00	4.9	222.5	6.14	4.8	214.2	-0.07	0.00	0.00
5	24	6	76	2.0	307.6	5.46	31.81	7.92	2.1	307.8	4.55	2.0	300.6	-0.48	0.00	0.01
6	24	6	76	4.0	225.2	6.93	28.69	999.00	4.7	304.4	6.36	5.6	332.8	-0.06	0.00	0.14
7	24	6	76	4.8	249.1	8.30	24.47	15.21	5.1	248.5	8.19	5.4	257.9	0.53	0.00	0.41
8	24	6	76	7.0	263.3	9.33	24.25	15.26	7.9	258.3	8.95	8.1	253.4	0.70	0.00	0.72
9	24	6	76	7.6	246.9	10.13	24.31	18.55	8.4	253.2	9.60	9.4	246.8	0.33	0.00	1.02
10	24	6	76	10.0	267.9	10.84	22.98	21.11	11.2	266.1	10.20	11.9	271.1	0.78	0.00	1.27
11	24	6	76	9.0	272.2	12.26	21.94	15.26	9.8	266.4	11.39	10.7	261.2	0.88	0.00	1.46
12	24	6	76	12.6	279.0	13.11	21.32	24.23	13.5	272.0	12.33	13.8	274.2	0.74	0.00	1.57
13	24	6	76	11.8	262.6	14.50	20.75	17.14	13.0	259.7	13.73	14.4	267.1	0.79	0.00	1.58
14	24	6	76	12.7	274.4	15.47	20.48	12.57	13.8	272.4	14.59	15.6	275.8	0.93	0.00	1.51
15	24	6	76	13.5	274.2	16.17	20.30	12.65	15.2	273.6	15.35	16.3	281.1	0.95	0.00	1.36
16	24	6	76	11.6	257.1	16.41	20.07	13.42	12.9	252.4	15.80	14.2	250.6	0.83	0.00	1.13
17	24	6	76	11.1	288.0	16.73	19.93	13.27	12.2	279.2	16.50	13.2	278.9	0.73	0.00	0.85
18	24	6	76	11.1	274.8	16.92	19.88	14.09	12.3	269.9	16.76	13.8	270.2	0.57	0.00	0.55
19	24	6	76	9.5	205.2	15.35	19.00	25.26	11.3	206.3	15.46	14.3	213.7	0.17	0.00	0.22
20	24	6	76	7.0	267.3	13.12	21.54	5.68	9.6	262.2	13.69	10.4	254.4	-0.50	0.00	0.05
21	24	6	76	9.1	258.4	13.65	21.62	8.77	10.8	263.6	14.25	12.5	271.9	-0.51	0.00	0.01
22	24	6	76	9.5	260.9	12.92	21.96	9.36	12.4	267.1	13.54	14.3	280.4	-0.46	0.00	0.00
23	24	6	76	8.7	252.6	12.06	22.28	9.11	11.7	260.9	12.65	14.0	274.9	-0.45	0.00	0.00

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                                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                     10 - METER LEVEL                     30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10      SG10      WS30  WDR30    AT30       WS60  WDR60    DT60       PREC     SI
++ ++ ++ ++    +-----------------------------------+      +-----------------------+    +-----------------------+  +-----------+

  0 25  6 76   8.5  236.8    11.05    22.65     5.51      10.2  250.9    11.69      13.1  270.3    -0.71      0.00     0.00
  1 25  6 76   6.0  203.2    10.14    23.30     3.44       6.6  202.1    10.84       6.6  224.1    -1.30      0.00     0.00
  2 25  6 76   5.9  213.5    10.87    23.04     3.18       6.4  219.6    11.27       8.0  240.1    -0.76      0.00     0.00
  3 25  6 76   5.7  210.5    10.96    23.71     9.04       5.9  224.4    11.61       7.1  240.1    -0.77      0.00     0.00
  4 25  6 76   5.5  232.6    10.27    24.10    10.55       6.4  240.4    10.21       7.3  262.2    -0.47      0.00     0.00
  5 25  6 76   3.2  271.9     9.95    23.84   999.00      11.7  248.4    10.68      15.2  258.1    -1.14      0.00     0.01
  6 25  6 76   4.4  202.3    11.47    21.95     6.82       6.0  242.5    11.84      10.0  253.5    -0.15      0.00     0.15
  7 25  6 76   6.9  248.9    13.49    20.90    12.24       8.5  250.5    13.34      10.1  252.5     0.56      0.00     0.42
  8 25  6 76  10.7  250.6    14.92    21.31    16.53      12.0  250.9    14.43      13.7  249.7     0.75      0.00     0.73
  9 25  6 76  12.9  250.0    16.33    20.89    21.11      15.0  242.2    15.71      17.7  249.2     0.85      0.00     1.03
 10 25  6 76  11.7  234.0    17.67    20.25    20.87      12.6  224.1    16.92      16.8  230.2     1.00      0.00     1.27
 11 25  6 76  12.3  209.7    18.29    20.48    19.82      15.8  213.0    17.35      17.8  217.4     1.00      0.00     1.41
 12 25  6 76  11.6  230.8    18.92    20.07    20.12      14.2  222.2    18.09      17.2  230.4     0.98      0.00     1.32
 13 25  6 76  15.5  206.5    18.92    20.67    20.87      18.7  211.5    18.00      21.4  219.1     0.86      0.00     1.08
 14 25  6 76  12.1  234.0    20.22    20.19    12.89      14.4  224.4    19.59      18.4  229.8     1.11      0.00     1.44
 15 25  6 76  16.5  240.7    20.67    19.54    19.28      19.1  249.2    20.08      21.7  248.3     0.25      0.00     1.38
 16 25  6 76  16.4  243.3    20.48    19.51    11.47      19.4  241.2    20.33      23.8  242.5     0.63      0.00     1.11
 17 25  6 76  17.2  256.2    20.32    19.97    20.12      20.2  249.4    20.17      25.0  253.8     0.30      0.00     0.60
 18 25  6 76  11.5  254.7    20.10    19.83    17.72      14.5  249.6    20.09      17.0  254.0     0.30      0.00     0.26
 19 25  6 76   5.6  225.0    19.57    19.60    16.53       7.0  221.7    19.77       9.8  233.6     0.13      0.00     0.10
 20 25  6 76   9.7  213.4    18.92    20.21    25.46      11.3  217.1    19.25      16.0  225.4    -0.18      0.00     0.03
 21 25  6 76   4.8  235.1    18.38    20.16    17.43       7.2  226.9    18.65      12.9  222.2    -0.14      0.00     0.01
 22 25  6 76   6.9  212.5    17.63    20.29    22.05       8.0  216.6    17.91      15.5  221.6    -0.35      0.00     0.01
 23 25  6 76   5.6  227.6    16.71    21.05    21.81       9.1  223.7    17.24      16.6  222.3    -0.80      0.00     0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WD10	AT10	RH10	SG10	30 - METER LEVEL WS30	WD30	AT30	60 - METER LEVEL WS60	WD60	DT60	PREC	SR
0	26	6	76	5.4	235.1	16.50	20.35	9.33	9.2	229.4	16.25	16.0	224.4	-0.45	0.00	0.00
1	26	6	76	10.8	281.5	16.27	20.63	7.79	12.3	275.4	17.02	13.7	270.0	-0.42	0.00	0.00
2	26	6	76	13.7	271.7	16.03	20.34	7.39	16.7	271.5	17.85	19.7	279.5	-0.31	0.00	0.00
3	26	6	76	12.7	267.7	15.65	20.72	6.36	15.8	272.7	16.59	17.9	279.3	-0.37	0.00	0.00
4	26	6	76	13.5	289.6	13.72	21.49	3.04	18.0	287.6	14.35	20.9	294.3	-0.24	0.00	0.00
5	26	6	76	9.7	247.2	12.91	21.97	11.28	11.0	256.2	14.00	12.5	270.5	-0.59	0.00	0.01
6	26	6	76	5.5	77.0	9.10	24.70	999.00	6.5	76.1	9.67	7.3	77.1	0.49	0.00	0.15
7	26	6	76	5.6	21.7	9.62	24.24	19.02	5.9	20.3	9.58	6.1	26.7	0.57	0.00	0.41
8	26	6	76	7.2	42.1	10.79	23.60	18.00	7.6	45.3	10.59	7.3	48.5	0.65	0.00	0.71
9	26	6	76	7.4	56.1	12.11	23.30	17.14	8.1	57.3	11.70	8.7	60.7	0.70	0.00	1.01
10	26	6	76	7.1	59.1	13.27	22.30	16.22	7.6	64.1	12.96	8.4	64.5	0.75	0.00	1.22
11	26	6	76	6.7	87.9	15.10	22.40	999.00	7.7	89.1	14.62	7.3	89.5	0.74	0.00	1.37
12	26	6	76	9.6	279.9	17.41	20.95	14.73	10.7	277.5	16.81	11.3	279.9	0.89	0.00	1.33
13	26	6	76	9.2	245.5	18.64	19.09	999.00	9.0	253.4	19.08	9.7	261.1	0.73	0.00	1.56
14	26	6	76	8.4	296.4	19.73	19.06	19.36	9.5	293.7	19.88	10.1	293.4	0.91	0.00	1.43
15	26	6	76	7.9	272.3	20.72	18.30	22.50	7.7	267.6	20.16	8.5	257.6	0.80	0.00	1.34
16	26	6	76	7.7	265.1	21.24	18.24	999.00	8.9	264.8	20.69	9.6	267.0	0.91	0.00	1.11
17	26	6	76	3.6	331.0	21.09	17.04	17.43	4.2	341.3	21.27	4.0	342.7	0.56	0.00	0.84
18	26	6	76	7.6	329.1	21.18	17.45	8.04	8.5	322.0	21.08	8.7	324.4	0.62	0.00	0.54
19	26	6	76	5.1	308.8	19.35	18.48	4.50	6.6	314.1	19.25	8.4	326.5	-0.11	0.00	0.22
20	26	6	76	9.4	321.3	18.63	19.44	10.64	7.7	304.8	19.36	7.4	322.9	-0.55	0.00	0.05
21	26	6	76	4.0	200.5	16.20	20.58	3.18	4.7	197.1	17.26	3.4	223.6	-1.70	0.00	0.01
22	26	6	76	9.2	309.6	17.87	19.61	8.29	8.2	306.5	18.62	8.1	327.1	-0.48	0.00	0.01
23	26	6	76	6.2	243.2	16.44	20.24	5.10	9.2	280.1	17.05	11.3	303.3	-1.18	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SC10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	27	6	76	11.6	279.3	15.56	20.65	999.00	16.0	289.9	17.59	17.8	304.5	-2.23	0.00	0.00
1	27	6	76	3.8	128.9	14.76	21.39	999.00	5.4	95.1	15.07	6.7	77.0	-0.33	0.00	0.00
2	27	6	76	3.1	296.0	14.01	22.17	7.52	1.9	341.6	12.48	2.2	64.0	-0.52	0.00	0.00
3	27	6	76	1.9	242.9	14.58	21.90	5.68	3.0	295.9	13.45	2.2	304.2	0.09	0.00	0.00
4	27	6	76	3.3	274.4	15.15	21.81	3.18	3.1	236.4	13.35	2.8	306.6	0.11	0.00	0.00
5	27	6	76	4.9	227.0	15.33	21.69	12.16	4.0	197.5	15.40	3.9	194.7	-0.12	0.00	0.01
6	27	6	76	2.6	243.2	15.46	20.08	9.00	1.9	249.7	16.24	1.2	219.9	-0.14	0.00	0.14
7	27	6	76	2.9	146.2	16.40	17.57	9.96	3.2	158.0	17.03	3.2	196.2	0.19	0.00	0.40
8	27	6	76	4.4	74.2	16.46	18.76	16.22	4.4	76.9	16.94	4.2	72.4	0.25	0.00	0.71
9	27	6	76	3.7	52.3	18.77	18.85	23.81	3.7	61.0	19.35	3.6	69.9	0.52	0.00	1.00
10	27	6	76	9.9	264.3	22.00	17.76	12.73	10.8	258.9	21.59	11.1	253.2	1.07	0.00	1.26
11	27	6	76	11.1	265.0	22.66	17.99	20.37	12.1	256.2	22.28	13.4	257.0	0.37	0.00	1.45
12	27	6	76	11.6	260.3	23.67	17.60	13.65	12.4	260.3	23.19	14.2	263.1	0.39	0.00	1.57
13	27	6	76	12.5	300.9	23.91	17.87	19.62	15.1	296.4	23.34	15.4	301.0	1.00	0.00	1.57
14	27	6	76	10.1	302.6	24.30	17.03	999.00	11.3	297.7	23.94	12.2	304.0	1.00	0.00	1.49
15	27	6	76	12.9	319.1	24.80	17.84	14.23	13.9	317.9	24.51	15.1	316.5	0.94	0.00	1.35
16	27	6	76	6.0	247.4	24.08	17.69	999.00	7.3	238.9	24.42	9.4	241.3	0.35	0.00	0.64
17	27	6	76	6.3	260.8	25.32	16.41	7.52	7.3	252.3	25.53	7.8	259.5	0.67	0.00	0.64
18	27	6	76	9.8	21.0	25.03	17.13	7.92	10.7	22.7	25.29	10.6	18.9	0.57	0.00	0.56
19	27	6	76	6.1	307.8	22.76	17.91	5.68	7.5	321.5	23.24	9.3	335.4	-0.38	0.00	0.22
20	27	6	76	9.6	300.2	20.15	19.25	4.24	9.8	320.8	22.23	11.3	342.2	-2.59	0.00	0.05
21	27	6	76	9.4	298.6	21.30	18.72	4.24	9.7	304.9	22.64	7.9	325.2	-0.96	0.00	0.01
22	27	6	76	9.9	295.2	20.75	18.59	7.70	10.2	301.8	22.58	10.4	320.9	-1.56	0.00	0.00
23	27	6	76	8.4	308.0	18.49	19.54	6.36	10.1	328.7	20.31	11.3	355.1	-2.04	0.00	0.00

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                              RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WD10     AT10    RH10     SG10       WS30  WD30    AT30        WS60  WD60    DT60      PREC     SI
** ** ** **   +-----------------------------------------+   +------------------+   +------------------+   +------------+

 0 28  6 76    4.2  282.0    19.66   19.36    13.94        4.6  346.0   19.70       4.2  345.5   -0.28     0.00    0.00
 1 28  6 76    2.7  188.1    19.71   19.59     8.77        2.0  168.1   18.10       2.2  147.8   -0.90     0.00    0.00
 2 28  6 76    1.4  215.0    19.66   20.47     9.22        1.3  245.4   17.15       1.9   79.4    0.01     0.00    0.00
 3 28  6 76    1.0  271.8    18.52   20.95     8.88        1.4  103.1   16.23       4.4   87.4   -0.49     0.00    0.00
 4 28  6 76    3.8  200.2    17.70   20.00     5.51        2.8  358.6   17.61       4.6   45.8   -0.72     0.00    0.00
 5 28  6 76    6.4  302.5    15.09   20.46    14.92        6.1  321.5   16.41       5.8   16.8   -1.24     0.00    0.01
 6 28  6 76    3.1  302.8    16.35   19.24   999.00        3.3  353.0   16.87       4.7   29.8   -0.39     0.00    0.14
 7 28  6 76    1.9  103.6    17.49   17.50    17.72        1.5   32.3   19.54       1.8   54.2    0.27     0.00    0.40
 8 28  6 76    4.5   77.2    19.73   17.00   999.00        4.8   72.1   19.27       5.4   82.0    0.57     0.00    0.70
 9 28  6 76    4.7   79.0    19.72   18.03    14.78        5.2   76.0   19.39       5.7   74.5    0.53     0.00    1.00
10 28  6 76    5.9   41.7    21.08   17.69   999.00        6.3   50.3   21.07       6.9   57.5    0.69     0.00    1.25
11 28  6 76    5.5   54.4    22.69   17.10   999.00        6.0   57.4   22.60       5.9   62.1    0.85     0.00    1.43
12 28  6 76    5.5   32.1    24.22   16.49   999.00        6.1   33.4   24.16       5.8   44.9    0.78     0.00    1.54
13 28  6 76   11.2  300.7    25.49   17.03   999.00       12.0  300.0   25.21      12.6  307.8    0.34     0.00    1.56
14 28  6 76   10.1  316.9    26.14   16.89    21.58       11.2  309.1   25.62      12.5  314.6    1.04     0.00    1.50
15 28  6 76    6.9  276.5    26.13   16.20   999.00        8.3  281.0   25.36       9.1  296.7    0.93     0.00    1.36
16 28  6 76    3.4    9.0    26.38   14.09   999.00        3.4   37.4   27.07       3.9  353.6    0.67     0.00    1.12
17 28  6 76    7.1  337.7    25.51   16.77    17.43        8.4  330.7   25.79       8.3  342.8    0.48     0.00    0.65
18 28  6 76    5.6  314.7    23.67   17.23   999.00        6.9  332.2   24.76       8.3  344.0   -0.89     0.00    0.26
19 28  6 76    2.7    6.8    24.68   15.93   999.00        3.7   44.4   25.36       5.9   58.0    0.05     0.00    0.20
20 28  6 76    2.4    6.1    22.46   18.32    11.33        3.8   44.5   22.86       6.4   54.6   -0.47     0.00    0.04
21 28  6 76    3.8  269.2    21.35   19.14    16.53        3.6  276.5   21.11       2.6  251.0   -0.29     0.00    0.01
22 28  6 76    2.9  132.2    21.28   19.47    10.16        3.1  176.1   19.33       3.9  155.0   -0.27     0.00    0.00
23 28  6 76    5.7  212.5    20.20   19.07    10.35        6.8  200.0   21.07       6.9  192.3   -0.36     0.00    0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	29	6	76	6.5	219.8	19.21	19.02	999.00	7.5	211.8	20.53	8.1	192.0	-1.16	0.00	0.00
1	29	6	76	1.5	317.0	20.00	19.96	7.52	1.1	114.9	17.34	2.8	119.0	-0.32	0.00	0.00
2	29	6	76	3.3	229.5	19.68	19.74	5.68	3.4	224.3	19.27	3.7	221.1	-0.03	0.00	0.00
3	29	6	76	6.2	222.9	19.00	19.53	10.26	6.1	217.9	19.76	5.3	199.7	-0.57	0.00	0.00
4	29	6	76	5.6	222.3	18.42	19.54	8.29	6.7	211.0	19.37	7.1	193.3	-1.20	0.00	0.00
5	29	6	76	5.3	223.0	18.75	19.75	11.82	5.3	206.9	19.11	5.2	190.2	-0.47	0.00	0.01
6	29	6	76	3.0	212.7	19.07	18.79	14.85	2.2	212.8	19.47	1.7	192.4	-0.30	0.00	0.14
7	29	6	76	2.4	130.1	19.16	16.43	15.91	2.3	137.7	19.62	2.4	142.2	0.36	0.00	0.40
8	29	6	76	3.5	76.8	20.42	16.99	24.23	3.8	69.1	20.57	4.1	82.2	0.47	0.00	0.70
9	29	6	76	3.2	125.1	22.70	17.26	999.00	4.1	125.7	22.69	4.5	137.5	0.60	0.00	0.99
10	29	6	76	7.1	15.2	24.81	17.43	999.00	7.1	27.9	24.45	6.7	30.4	0.67	0.00	1.24
11	29	6	76	7.2	257.7	26.29	17.71	999.00	8.1	253.0	25.69	3.4	258.8	0.78	0.00	1.43
12	29	6	76	7.8	262.6	27.01	17.94	999.00	8.5	262.2	26.26	9.9	260.9	0.90	0.00	1.59
13	29	6	76	5.7	264.0	26.04	17.36	999.00	6.7	252.9	25.36	8.0	253.9	0.53	0.00	0.78
14	29	6	76	16.2	335.0	25.04	18.27	999.00	19.3	330.9	24.83	20.7	336.1	0.40	0.00	0.48
15	29	6	76	5.2	318.1	25.69	17.47	12.16	6.4	301.3	25.41	7.3	313.8	0.63	0.00	0.57
16	29	6	76	7.5	102.2	25.98	16.85	10.64	8.7	107.9	25.62	9.3	116.8	0.61	0.00	0.62
17	29	6	76	11.0	126.6	25.63	17.36	10.83	12.8	126.2	25.39	15.2	130.8	0.74	0.00	0.54
18	29	6	76	13.1	164.5	24.32	18.31	11.82	16.5	164.0	24.27	17.6	167.4	0.36	0.00	0.33
19	29	6	76	10.2	181.4	22.69	19.04	15.59	13.8	180.0	22.96	14.8	190.4	0.11	0.00	0.19
20	29	6	76	6.2	190.0	21.44	19.18	12.57	10.4	196.1	21.89	12.8	199.9	-0.44	0.00	0.04
21	29	6	76	12.7	206.0	21.66	19.19	12.81	17.7	205.7	21.97	22.6	212.3	-0.12	0.00	0.01
22	29	6	76	13.5	194.5	20.90	19.45	15.91	17.7	191.7	21.14	21.4	200.4	0.05	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WD10	AT10	SW10	SG10	30 - METER LEVEL WS30	WD30	AT30	60 - METER LEVEL WS60	WD60	DT60	PREC	SI
0	30	6	76	3.6	345.0	19.60	19.63	999.00	5.1	246.0	19.32	7.5	263.9	-0.31	0.00	0.00
1	30	6	76	5.0	34.2	19.28	19.65	10.16	6.2	126.4	19.22	7.3	136.5	-0.32	0.00	0.00
2	30	6	76	5.4	59.5	18.25	19.88	999.00	5.9	61.9	18.54	5.5	89.0	-0.43	0.00	0.01
3	30	6	76	2.4	74.0	17.65	20.67	999.00	2.4	100.1	17.14	4.4	128.8	-0.34	0.00	0.01
4	30	6	76	3.6	334.4	17.38	20.87	11.73	3.1	3.4	17.06	2.7	76.5	-0.71	0.00	0.01
5	30	6	76	3.6	142.8	18.06	21.10	9.11	4.6	157.7	18.10	5.0	164.3	0.01	0.00	0.01
6	30	6	76	3.9	165.6	17.92	19.84	11.28	5.2	160.9	18.04	5.9	167.8	-0.17	0.00	0.12
7	30	6	76	7.5	165.9	18.92	19.11	14.65	9.8	169.7	18.71	10.1	178.8	0.40	0.00	0.37
8	30	6	76	12.4	188.6	20.91	18.70	22.05	14.0	193.6	20.32	15.5	204.2	0.73	0.00	0.68
9	30	6	76	13.1	209.6	22.32	18.55	16.84	14.9	216.7	21.70	17.7	233.6	0.80	0.00	0.98
10	30	6	76	12.5	232.6	22.96	18.14	21.91	14.8	230.1	22.02	16.9	232.2	0.93	0.00	1.22
11	30	6	76	11.2	208.1	23.93	17.83	999.00	13.7	209.6	22.85	15.3	222.7	1.18	0.00	1.41
12	30	6	76	9.4	230.9	24.00	17.62	13.00	12.0	222.5	23.14	13.9	233.5	1.23	0.00	1.34
13	30	6	76	10.7	192.1	24.34	17.24	16.53	12.7	196.1	23.28	14.0	203.8	1.26	0.00	1.36
14	30	6	76	11.1	208.2	22.52	18.91	18.92	12.3	212.8	21.98	16.4	229.5	0.93	0.00	0.80
15	30	6	76	10.1	227.0	22.67	19.30	16.94	11.9	225.3	22.19	14.6	223.5	0.83	0.00	0.67
16	30	6	76	15.0	202.7	23.54	18.71	15.91	17.5	199.7	22.31	20.3	216.8	0.75	0.00	0.89
17	30	6	76	14.0	199.7	23.36	18.28	20.12	17.1	203.2	22.66	19.5	216.3	0.72	0.00	0.87
18	30	6	76	9.5	218.0	22.43	18.29	14.92	11.7	215.0	22.11	16.0	220.8	0.71	0.00	0.53
19	30	6	76	6.0	243.2	20.01	19.71	0.36	7.7	235.1	20.05	11.4	232.9	0.31	0.00	0.16
20	30	6	76	8.0	257.8	17.83	21.84	4.90	11.2	262.1	18.44	12.7	269.3	-0.45	0.00	0.03
21	30	6	76	7.6	240.0	17.24	22.57	14.09	8.5	276.0	17.60	9.4	218.6	-0.36	0.00	0.01
22	30	6	76	5.7	200.4	16.20	22.14	12.40	9.6	203.7	17.33	12.6	203.4	-0.71	0.00	0.01
23	30	6	76	10.1	195.0	17.39	21.15	12.32	13.4	194.9	17.44	15.1	195.6	0.21	0.00	0.01

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                                     RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10     AT10     RH10     SG10        WS30  WDR30    AT30      WS60  WDR60     DT60      PREC     SI
++ ++ ++ ++  +-----------------------------------------+    +------------------+     +------------------+     +-----------+

 0  1  7 76  12.0  205.9     14.91    21.83   999.00        17.0  200.1   17.01     20.5  209.2     0.13      0.00     0.00

 1  1  7 76   5.7  204.8     15.93    24.82    19.40         7.9  216.6   15.96     11.5  218.9     0.09      0.00     0.01

 2  1  7 76   7.6  204.8     16.26    23.88    27.00        10.8  206.1   16.23     12.3  214.2     0.27      0.00     0.01

 3  1  7 76   6.1  201.1     16.72    21.37    14.09         9.5  207.9   16.80     14.5  222.9     0.12      0.00     0.01

 4  1  7 76  12.6  261.7     15.17    26.49     6.02        14.7  258.1   15.22     16.5  258.9    -1.83      0.00     0.01

 5  1  7 76   8.7  242.5     14.61    31.66     6.36         9.1  233.1   15.33     10.4  231.2    -0.82      0.00     0.01

 6  1  7 76   4.3  227.2     14.23    32.76    15.59         4.9  213.4   14.49      5.4  219.3    -0.07      0.00     0.07

 7  1  7 76  10.6  203.6     17.03    22.46    21.91        13.0  213.6   16.78     18.3  222.7     0.71      0.00     0.36

 8  1  7 76   7.8  225.1     13.72    25.09   999.00         8.8  207.8   18.30     10.6  223.0     0.96      0.00     0.67

 9  1  7 76   7.5  240.9     20.12    24.94    14.16         8.0  238.2   19.65      8.4  237.7     0.95      0.00     0.96

10  1  7 76  11.5  247.2     21.06    23.69    18.32        11.6  259.1   20.35     13.1  260.5     0.91      0.00     1.22

11  1  7 76   3.3  245.8     22.29    19.58   999.00         9.2  245.0   21.68     10.6  244.6     0.96      0.00     1.42

12  1  7 76   8.2  245.9     22.53    19.70    18.30         9.7  243.0   21.89     10.9  239.8     1.09      0.00     1.20

13  1  7 76   9.6  241.4     22.92    18.56     9.96        12.2  234.7   22.51     14.6  239.3     0.94      0.00     1.05

14  1  7 76  12.1  301.1     19.43    22.91     6.51        14.6  295.8   19.34     16.6  302.2     0.99      0.00     0.36

15  1  7 76   7.6  272.5     18.96    23.26     6.19         9.9  273.9   19.56     11.0  278.0     0.37      0.00     0.16

16  1  7 76   9.6  261.1     19.77    22.22     7.30        11.9  262.7   20.35     14.5  266.4     1.91      0.00     0.10

17  1  7 76   8.5  250.7     20.86    20.23    15.91        10.1  259.0   21.31     11.4  265.0    -0.09      0.00     0.27

18  1  7 76   3.4  212.9     22.66    17.59    11.38         4.4  216.2   22.91      5.4  225.7     0.45      0.00     0.41

19  1  7 76   4.6  239.9     21.56    19.11    13.74         6.2  221.3   21.92      8.9  213.7    -0.37      0.00     0.16

20  1  7 76   6.3  245.7     19.78    19.83    13.12         8.7  222.5   20.64     11.1  206.0    -1.57      0.00     0.04

21  1  7 76   6.9  262.2     19.15    20.05    11.11         8.9  233.7   19.94     14.0  216.0    -1.89      0.00     0.01

22  1  7 76   8.4  257.5     19.35    19.67    16.84        10.1  231.3   20.07     14.6  215.7    -1.88      0.00     0.00

23  1  7 76   7.1  250.6     18.33    20.00    14.44         9.6  222.7   19.45     15.0  206.8    -2.02      0.00     0.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	2	7	76	6.6	284.0	18.76	21.50	16.22	8.7	227.6	19.34	14.9	212.5	-1.34	0.00	0.00
1	2	7	76	15.0	10.7	16.24	23.07	17.14	16.4	17.7	16.39	13.0	20.4	0.20	0.00	0.01
2	2	7	76	7.6	17.7	14.93	24.64	999.00	9.5	25.0	15.21	11.1	28.7	0.03	0.00	0.01
3	2	7	76	2.5	310.3	14.07	29.39	6.36	3.1	358.1	13.93	5.7	17.0	-0.05	0.00	0.01
4	2	7	76	4.3	289.3	13.96	29.21	12.57	4.2	305.5	14.02	3.4	347.1	-0.12	0.00	0.01
5	2	7	76	3.0	250.3	14.30	29.62	12.07	2.9	280.7	14.26	1.7	291.3	-0.09	0.00	0.01
6	2	7	76	1.7	165.3	15.14	22.74	13.42	1.4	134.0	15.91	1.3	249.8	0.20	0.00	0.16
7	2	7	76	2.6	53.9	16.11	20.09	20.12	2.7	58.2	17.17	2.4	79.2	0.48	0.00	0.36
8	2	7	76	5.6	37.9	18.42	20.78	999.00	6.2	94.6	18.25	6.4	111.3	0.46	0.00	0.67
9	2	7	76	4.6	111.1	20.07	19.87	18.29	4.8	113.8	19.95	4.8	114.5	0.74	0.00	0.96
10	2	7	76	9.9	249.1	22.19	17.02	999.00	11.1	247.6	21.75	12.3	245.7	0.84	0.00	0.99
11	2	7	76	10.5	244.1	24.08	17.63	17.72	11.9	240.4	23.14	14.5	237.4	1.22	0.00	1.42
12	2	7	76	15.4	205.8	23.57	17.93	14.85	19.5	207.3	22.54	23.0	215.7	1.13	0.00	1.39
13	2	7	76	15.9	193.0	24.03	18.53	15.97	21.9	193.4	22.74	23.3	208.8	1.00	0.00	1.56
14	2	7	76	11.5	227.1	25.02	18.52	17.14	13.4	233.8	24.07	16.4	233.4	1.16	0.00	1.53
15	2	7	76	14.4	197.1	24.81	17.95	17.14	17.1	199.5	23.95	13.2	216.0	0.91	0.00	1.36
16	2	7	76	14.6	197.9	24.31	17.48	16.90	19.5	202.7	24.03	22.4	215.2	0.74	0.00	1.13
17	2	7	76	10.3	221.1	24.86	16.95	17.02	12.4	219.0	24.46	15.9	226.8	0.78	0.00	0.86
18	2	7	76	11.2	201.5	23.75	17.20	17.66	14.9	206.1	23.71	17.7	216.9	0.31	0.00	0.54
19	2	7	76	6.0	242.0	22.57	17.70	3.78	7.2	235.0	22.37	12.0	226.7	0.20	0.00	0.24
20	2	7	76	9.0	248.3	21.94	18.58	1.91	10.3	248.7	22.52	11.6	255.4	-0.39	0.00	0.05
21	2	7	76	8.3	251.0	21.91	18.55	11.02	8.5	246.8	22.10	8.9	249.2	-0.01	0.00	0.01
22	2	7	76	10.3	320.0	19.21	19.57	999.00	13.2	328.2	19.54	15.2	346.3	-1.74	0.00	0.00
23	2	7	76	9.5	340.5	16.14	20.34	13.42	13.0	1.0	17.22	15.4	2.8	-1.22	0.00	0.00

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                                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                       10 - METER LEVEL                    30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR   WS10  WDR10    AT10    RH10     SG10        WS30  WDR30   AT30        WS60  WDR60    DT60       PREC      SI
++ ++ ++ ++  +-----------------------------------------+  +--------------------+    +--------------------+   +------------+

 0  3  7 76  4.0  272.0     15.10   21.36    10.35        4.1  306.6   15.17       6.1  351.8   -0.31       0.00     0.00
 1  3  7 76  6.3  293.0     15.27   21.51   999.00        6.3  296.4   15.35       6.6  319.2   -0.01       0.00     0.00
 2  3  7 76  2.5  319.2     15.54   21.44    14.23        2.6    8.0   15.19       4.3   42.8   -0.02       0.00     0.00
 3  3  7 76  1.2   26.7     14.11   28.33     9.44        1.3   49.3   12.66       2.9   69.6    0.07       0.00     0.00
 4  3  7 76  1.0  125.2     12.98   34.45    13.24        2.1  162.1   11.06       2.2  126.5    0.06       0.00     0.00
 5  3  7 76  5.3  212.0     13.31   29.32    11.20        4.2  208.4   13.80       2.7  238.0   -1.31       0.00     0.01
 6  3  7 76  2.5  232.0     15.91   22.55    14.23        3.8  229.4   16.06       3.8  221.7   -0.10       0.00     0.13
 7  3  7 76  2.9  162.5     17.39   19.51   999.00        2.9  173.7   18.04       3.1  187.8    0.50       0.00     0.38
 8  3  7 76  4.1   63.5     19.19   16.95    12.73        4.2   75.3   19.52       4.1   76.3    0.50       0.00     0.68
 9  3  7 76  5.8   61.6     19.85   18.66    15.91        5.9   74.0   19.64       6.2   83.0    0.57       0.00     0.98
10  3  7 76  4.2   62.0     21.63   17.94    23.38        5.0   70.8   21.31       4.8   67.0    0.73       0.00     1.23
11  3  7 76  5.2  164.1     22.84   17.39   999.00        5.6  166.1   22.49       5.7  186.7    0.69       0.00     1.42
12  3  7 76  6.9  274.9     24.16   16.85   999.00        7.5  280.9   23.52       7.9  290.4    1.01       0.00     1.57
13  3  7 76  4.4   22.6     24.67   16.43   999.00        5.1   41.6   24.30       5.4    6.0    0.84       0.00     1.56
14  3  7 76  6.5  260.4     25.07   16.66    22.95        7.3  270.0   24.44       7.5  253.6    1.06       0.00     1.51
15  3  7 76  4.2  242.5     25.25   17.44   999.00        5.0  246.6   24.97       5.0  243.8    0.74       0.00     1.14
16  3  7 76  3.9  290.2     24.75   15.98    10.09        4.5  291.5   24.50       4.4  284.6    0.55       0.00     0.77
17  3  7 76  4.1  131.5     25.55   15.87    17.72        4.8  133.8   25.37       5.2  146.0    0.58       0.00     0.61
18  3  7 76  4.0  268.2     24.81   17.27     8.29        4.5  273.6   24.38       5.0  296.2    0.37       0.00     0.37
19  3  7 76  5.5  274.9     23.97   17.44     4.24        5.4  287.0   24.06       5.3  302.0   -0.17       0.00     0.18
20  3  7 76  8.5  292.0     23.08   18.39     5.68        7.6  294.7   23.49       6.6  304.0   -0.33       0.00     0.04
21  3  7 76  5.6  278.6     23.10   19.02     2.54        4.8  285.5   23.21       4.4  292.8   -0.14       0.00     0.01
22  3  7 76  7.5  243.0     22.02   18.42     7.52        8.6  258.4   22.74       9.4  253.1   -0.97       0.00     0.00
23  3  7 76  4.7  307.5     21.13   19.21     3.78        6.8  308.2   21.21       6.9  323.0   -1.32       0.00     0.00
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                 10 - METER LEVEL                   30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR   WS10  WDR10    AT10    SH10    SG10     WS30  WDR30   AT30     WS60  WDR60   DT60    PREC    SI
** ** ** **  +-------------------------------------+ +------------------+  +------------------+ +-----------+

 0  4  7 76   5.9  282.1    20.78   19.07    8.29      4.6  297.5  21.26    4.6  325.2  -0.96    0.00   0.00
 1  4  7 76   5.2  284.2    20.61   18.93  999.00      5.4  318.5  21.18    4.9  339.1  -0.93    0.00   0.00
 2  4  7 76   3.5  288.0    19.23   19.94    4.50      3.9  314.7  19.32    3.3  350.5  -1.92    0.00   0.00
 3  4  7 76  10.6  251.7    20.50   18.94   10.45     13.1  259.8  22.24   13.7  264.9  -1.82    0.00   0.00
 4  4  7 76   3.4  154.7    17.48   20.55  999.00      3.3  114.1  17.87    3.0   54.1  -1.56    0.00   0.00
 5  4  7 76   1.6  351.3    17.50   20.54  999.00      2.2   27.7  16.48    2.3   42.0  -0.67    0.00   0.01
 6  4  7 76   2.2  323.5    17.23   18.94   10.26      1.4   37.8  18.19    1.6  326.8  -1.00    0.00   0.17
 7  4  7 76   2.0   71.2    19.73   15.99   10.64      2.0   92.4  21.56    1.9  150.0   0.06    0.00   0.39
 8  4  7 76   3.5   63.4    21.02   16.64   14.58      3.6   74.9  21.29    3.7  106.2   0.38    0.00   0.69
 9  4  7 76   4.8   65.3    23.43   16.82  999.00      5.3   71.2  23.31    5.6   85.3   0.65    0.00   0.99
10  4  7 76   4.5  346.8    25.26   16.02  999.00      4.3  356.0  25.22    4.7   36.6   0.64    0.00   1.24
11  4  7 76   5.0  204.3    26.10   15.86  999.00      6.7  201.0  25.79    7.4  211.5   0.30    0.00   1.43
12  4  7 76   7.1  328.5    26.54   16.04   20.37      7.4  320.2  26.02    7.5  327.0   0.78    0.00   1.47
13  4  7 76  11.7  196.0    27.13   15.15   22.95     14.0  204.1  26.42   14.4  215.4   1.11    0.00   1.56
14  4  7 76   8.5  210.0    27.02   15.04   18.55     10.0  217.3  26.55   11.0  215.4   0.97    0.00   1.49
15  4  7 76   7.4  250.8    27.28   15.23   18.28      8.1  262.5  26.39    8.0  264.5   0.93    0.00   1.35
16  4  7 76   6.4  277.9    27.10   14.94   14.23      6.9  236.5  26.94    7.2  236.7   0.73    0.00   1.11
17  4  7 76   8.7  264.2    27.10   15.11   15.59     10.1  261.1  27.13   10.3  266.7   0.78    0.00   0.84
18  4  7 76   3.2  190.3    26.48   15.08   18.00     10.3  204.0  26.73   12.3  211.5   0.44    0.00   0.53
19  4  7 76   5.1  221.1    24.75   16.08    7.92      9.0  221.1  25.33   13.6  224.0  -0.08    0.00   0.22
20  4  7 76   9.8  243.7    22.42   17.94    6.36     11.4  244.6  23.54   15.5  234.7  -1.54    0.00   0.04
21  4  7 76  11.2  243.6    21.58   18.22    4.70     12.1  246.6  22.84   15.5  230.7  -1.78    0.00   0.01
22  4  7 76  11.8  257.0    22.37   17.89    1.91     13.7  250.7  23.73   14.5  244.3  -1.30    0.00   0.00
23  4  7 76  11.0  255.1    23.38   17.42   17.43     11.4  249.5  24.52   12.0  249.9  -0.72    0.00   0.00
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                  10 - METER LEVEL                     30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10    RH10     SG10      WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     ST
++ ++ ++ ++   +----------------------------------------+  +------------------+   +-------------------+   +-----------+

 0  5  7 76    8.9  288.9    21.27   17.81    11.20     10.1  280.7   22.55     10.3  270.2   -1.44      0.00    0.00

 1  5  7 76    6.7  305.3    19.53   19.07    10.64      7.3  334.9   20.69      9.7    9.6   -1.37      0.00    0.00

 2  5  7 76    4.7  306.2    19.98   19.16     9.44      3.6  314.3   20.19      3.5   18.6   -0.08      0.00    0.00

 3  5  7 76    2.2  273.0    19.74   19.84     9.11      2.2  229.7   18.51      2.4  191.4   -0.15      0.00    0.00

 4  5  7 76    1.9  243.8    19.72   20.27    10.26      1.4  237.2   16.30      0.9  212.9   -0.07      0.00    0.00

 5  5  7 76    3.0  231.7    20.19   19.46     8.98      2.5  227.3   19.78      2.5  219.3   -0.13      0.00    0.01

 6  5  7 76    5.3  242.7    20.87   19.06    16.53      4.6  227.5   21.51      3.6  218.1   -0.01      0.00    0.13

 7  5  7 76    2.5  154.5    21.69   15.65    10.55      2.9  163.2   22.35      2.8  185.9    0.41      0.00    0.38

 8  5  7 76    5.3   47.1    21.98   16.29    15.26      5.2   57.8   22.44      5.0   80.2    0.41      0.00    0.68

 9  5  7 76    5.5   69.6    23.21   16.87    15.59      6.0   71.9   23.40      6.4   73.1    0.62      0.00    0.99

10  5  7 76    7.5   92.8    24.13   16.44    14.92      8.2   93.5   23.94      8.6   96.1    0.79      0.00    1.25

11  5  7 76    9.0   92.2    25.35   17.35   999.00      9.0   90.1   24.99      9.8   96.9    0.90      0.00    1.44

12  5  7 76    6.0   44.8    24.64   17.29   999.00      6.1   46.0   26.11      5.8   38.6    0.78      0.00    1.52

13  5  7 76    7.9   51.7    26.13   17.74   999.00      7.8   49.3   26.49      6.9   23.1    0.89      0.00    1.45

14  5  7 76    6.2  322.7    28.26   17.19   999.00      6.6  321.1   27.33      7.4  331.5    0.92      0.00    1.30

15  5  7 76    8.4  316.1    28.23   17.08   999.00      9.0  308.5   27.24      9.7  313.6    1.08      0.00    1.41

16  5  7 76    7.2  252.9    28.50   16.68    18.28      8.5  257.3   27.84      9.1  253.5    1.03      0.00    1.16

17  5  7 76    8.6  304.5    28.18   17.02   999.00      9.8  290.0   27.59     10.9  306.0    0.86      0.00    0.88

18  5  7 76    7.0  326.9    27.25   17.76     7.66      8.0  326.3   27.04      8.6  330.4    0.37      0.00    0.41

19  5  7 76    6.5  304.4    26.09   17.38     5.31      7.4  316.2   26.74      7.9  333.2   -0.31      0.00    0.22

20  5  7 76    8.0  304.8    22.96   18.73     6.36     10.3  322.3   24.23     11.5  344.3   -2.03      0.00    0.05

21  5  7 76    9.0  302.0    21.70   19.26    17.14     10.5  331.9   23.97     11.7    0.3   -3.01      0.00    0.01

22  5  7 76    4.1  246.3    22.25   13.71    10.26      3.3  243.3   22.54      2.6  260.7   -0.86      0.00    0.00

23  5  7 76    1.5  233.6    23.80   18.47     5.31      1.0  245.2   21.79      1.4  241.7    0.03      0.00    0.00
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                  10 - METER LEVEL                       30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR   WS10  WDR10    AT10    DP10     SG10       WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     SI
** ** ** **   +-------------------------------------+    +-------------------+    +--------------------+   +------------+

 0  6  7 76   7.5  233.7    23.15   19.02    11.73       7.6  217.0   24.14      7.9  232.4   -0.56      0.00    0.00
 1  6  7 76   5.3  220.7    22.53   17.94   999.00       5.9  204.5   23.58      6.3  190.7   -0.69      0.00    0.00
 2  6  7 76   5.5  202.4    20.15   19.57     9.26       7.4  306.0   21.22      9.3  325.4   -0.39      0.00    0.00
 3  6  7 76   5.6  313.0    20.47   18.95    15.59       5.7  325.0   21.23      5.3  354.2   -0.40      0.00    0.00
 4  6  7 76   2.2  163.3    17.83   20.06     3.04       3.7  126.6   18.56      4.6  133.8   -0.58      0.00    0.00
 5  6  7 76   4.9  202.8    19.27   19.87     6.02       4.1  200.9   18.33      3.0  305.0   -0.05      0.00    0.01
 6  6  7 76   4.1  317.9    18.41   19.06   999.00       4.4  317.6   19.25      4.7  333.1   -0.53      0.00    0.11
 7  6  7 76   2.5   76.5    19.10   17.34    17.43       2.0   71.0   21.00      2.1  264.6   -0.43      0.00    0.37
 8  6  7 76   4.2   90.4    21.90   16.31    18.92       4.3   85.2   22.53      5.1   91.5    0.63      0.00    0.80
 9  6  7 76   5.1  242.7    23.04   17.53    13.75       6.1  250.4   23.02      7.0  250.8    0.81      0.00    0.80
10  6  7 76   5.3  243.9    22.55   17.66    13.50       6.0  244.3   22.75      6.6  252.8    0.62      0.00    0.61
11  6  7 76   9.3  262.6    25.02   16.80    24.02      10.7  255.9   24.76     10.5  253.7    0.76      0.00    1.23
12  6  7 76   8.5  223.6    26.44   16.52    19.36       9.0  289.0   26.00      9.0  236.8    1.11      0.00    1.33
13  6  7 76   6.5  213.0    27.06   15.77    16.22       7.0  220.3   26.77      7.2  233.3    0.88      0.00    1.50
14  6  7 76  12.2  260.9    26.98   16.57    12.96      12.8  253.6   26.85     13.2  259.1    0.80      0.00    1.07
15  6  7 76  11.4  256.4    27.43   16.78    13.42      12.2  254.1   27.02     13.2  256.1    0.93      0.00    1.00
16  6  7 76   9.5  290.3    28.03   16.09   999.00      11.0  283.3   27.23     12.1  292.9    1.08      0.00    1.04
17  6  7 76   4.7  282.1    27.56   15.96   999.00       5.1  285.1   27.34      5.2  293.7    0.67      0.00    0.66
18  6  7 76   4.0  311.0    27.69   15.48    17.72       4.1  311.4   27.76      4.1  316.5    0.72      0.00    0.48
19  6  7 76  15.0  196.5    26.17   17.00     6.36      18.8  194.2   26.03     19.3  210.5    0.31      0.00    0.20
20  6  7 76  11.0  294.6    23.73   19.08     5.31      15.3  295.3   24.33     16.8  305.3   -0.64      0.00    0.04
21  6  7 76  11.7  287.1    22.93   13.75     6.92      15.3  295.5   24.05     17.0  300.2   -1.54      0.00    0.01
22  6  7 76  12.1  257.2    22.74   13.15     6.02      15.5  257.4   23.76     13.7  266.3   -0.66      0.00    0.01
23  6  7 76   9.5  306.6    21.26   18.46     8.65      12.4  307.4   22.54     16.1  317.4   -1.96      0.00    0.01
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                                  RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                       10 - METER LEVEL                        30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10      WS30  WDR30   AT30      WS60  WDR60   DT60     PREC     SI
++ ++ ++ ++   +------------------------------------------+  +-------------------+  +-------------------+  +----------+

 0  7  7 76 10.5  260.4    22.57    18.66    19.87      13.3  260.9   23.23     15.4  272.1   -0.91     0.00    0.01

 1  7  7 76  6.0  236.3    21.43    19.44    15.91       9.4  218.9   21.60     14.2  212.1   -0.54     0.00    0.00

 2  7  7 76  6.5  250.4    20.50    19.53    12.32       9.0  228.3   20.75     15.0  220.4   -0.93     0.00    0.00

 3  7  7 76  9.6  255.5    20.64    19.42     7.92      11.2  236.1   21.01     16.3  221.5   -1.76     0.00    0.00

 4  7  7 76  9.7  277.4    19.92    19.66    12.89      10.1  263.5   20.13     11.5  241.0   -0.53     0.00    0.00

 5  7  7 76  3.9  266.1    20.76    19.20     9.86       8.6  241.8   20.78     13.5  232.4   -0.18     0.00    0.01

 6  7  7 76  7.7  266.0    20.69    19.42     8.54       8.6  246.2   20.81     11.6  235.8   -0.22     0.00    0.05

 7  7  7 76  9.4  268.5    21.24    19.55    20.37      10.0  256.0   21.09     11.1  244.4    0.25     0.00    0.26

 8  7  7 76  7.6  277.2    24.06    17.70    20.62       7.9  233.3   23.54      9.7  232.1    0.38     0.00    0.66

 9  7  7 76  9.1  219.3    25.30    18.16    12.81       9.9  211.3   24.42     11.1  221.3    1.20     0.00    0.99

10  7  7 76 11.7  285.9    25.71    18.55    13.65      13.0  221.0   24.77     14.2  286.1    1.03     0.00    0.99

11  7  7 76999.0  999.0   999.00   999.00    13.72     999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00

12  7  7 76 17.2  259.0    20.58    26.43     9.86      20.4  258.7   21.34     22.7  267.4    7.43     0.00    0.53

13  7  7 76 13.3  273.1    24.49    18.65    14.44      15.1  272.1   24.14     16.2  278.1    0.66     0.00    0.73

14  7  7 76  9.2  255.7    24.44    18.57    19.36      11.1  249.3   24.10     12.9  255.9    0.50     0.00    0.58

15  7  7 76  4.0  157.3    22.26    19.23    13.94       5.2  148.0   22.02      6.1  163.3    0.39     0.00    0.30

16  7  7 76  9.6  253.9    23.77    13.89    16.53      11.9  247.7   23.49     13.6  252.3    0.40     0.00    0.37

17  7  7 76  7.4  205.3    24.70    18.60    11.38       9.1  219.3   24.32      9.7  236.6    0.52     0.00    0.44

18  7  7 76  9.5  196.5    24.73    18.17    12.57      12.9  200.2   24.50     14.7  207.2    0.37     0.00    0.36

19  7  7 76 12.1  194.9    21.69    19.63    16.84      16.1  186.5   21.53     17.5  192.3    0.26     0.00    0.15

20  7  7 76 14.7  207.5    22.09    19.97     8.88      20.2  213.2   22.03     25.2  222.4    0.29     0.00    0.04

21  7  7 76 12.4  255.9    22.53    20.05    14.79      13.5  239.4   22.56     17.3  237.6   -0.09     0.00    0.01

22  7  7 76 14.4  203.1    21.62    19.35    11.38      18.8  206.2   21.55     24.1  215.6    0.23     0.00    0.01

23  7  7 76 12.0  224.3    20.86    19.31    10.93      16.1  203.2   20.24     20.1  203.9   -0.04     0.00    0.01
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                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                   10 - METER LEVEL                      30 - METER LEVEL          60 - METER LEVEL
 HR DY MO YR   WS10  WDR10    AT10    RH10    SG10     WS30  WDR30   AT30     WS60  WDR60   DT60     PREC    SI
 ** ** ** **  +------------------------------------+  +--------------------+  +--------------------+  +-----------+

  0  8  7 76  10.3  [illegible] 20.84   19.67   17.22    14.3  204.6  21.37    17.4  201.3  -0.12    0.00   0.01
  1  8  7 76  10.3  [illegible] 20.79   19.48   15.91    14.7  207.5  20.73    12.5  212.5  -0.16    0.00   0.01
  2  8  7 76   6.3  252.3   20.24   19.80  999.00     6.9  237.4  20.24    12.4  227.8  -0.17    0.00   0.00
  3  8  7 76   4.9  310.6   18.76   20.94   18.00     4.8  289.8  18.20     7.1  240.9  -0.72    0.00   0.00
  4  8  7 76   5.3  281.9   18.96   20.54   23.17     6.3  275.5  19.71     5.5  243.4  -0.56    0.00   0.00
  5  8  7 76   5.6  277.6   18.71   20.40    9.88     7.5  267.8  19.19     3.8  236.0  -0.62    0.00   0.01
  6  8  7 76  12.7  242.1   20.34   19.57    9.77    12.5  248.3  20.44    16.7  239.6   0.04    0.00   0.12
  7  8  7 76  12.0  252.0   21.79   18.78   12.07    13.0  250.1  21.46    15.1  249.3   0.47    0.00   0.34
  8  8  7 76  10.0  251.2   22.09   18.74   12.40    10.3  248.9  22.44    11.9  254.9   0.77    0.00   0.66
  9  8  7 76  14.1  254.8   24.26   18.70   13.04    15.9  248.6  23.38    16.8  240.3   0.35    0.00   0.96
 10  8  7 76  13.0  261.4   24.69   18.50   15.26    14.5  254.8  23.72    15.4  257.0   0.93    0.00   1.00
 11  8  7 76  10.0  256.2   25.39   17.89   15.59    11.0  254.8  25.46    11.6  256.3   0.72    0.00   1.29
 12  8  7 76  10.3  274.8   25.57   17.95   14.44    10.9  276.5  26.17    11.7  273.3   0.76    0.00   1.50
 13  8  7 76   9.4  325.7   26.65   17.44   10.45    10.5  319.3  26.35    10.7  325.6   1.01    0.00   1.21
 14  8  7 76  13.5  263.1   25.93   17.73   12.43    15.7  260.0  26.50    17.0  261.3   0.78    0.00   1.00
 15  8  7 76  12.3  193.9   27.27   16.33   24.44    13.6  194.6  26.64    14.6  195.0   1.15    0.00   1.39
 16  8  7 76   7.0  234.6   28.39   15.98  999.00     9.3  219.1  28.01    10.0  229.0   1.14    0.00   1.15
 17  8  7 76   5.0  246.4   23.08   16.35   17.14     5.5  249.6  28.39     6.4  248.2   0.22    0.00   0.37
 18  8  7 76   5.0  195.1   27.41   14.92   11.20     6.4  195.2  27.83     6.7  203.8   0.57    0.00   0.54
 19  8  7 76   5.8  222.0   25.63   17.16    4.50     7.0  224.9  26.44     8.1  227.6  -0.37    0.00   0.18
 20  8  7 76  10.6  250.2   24.00   17.74    5.10    11.2  235.2  25.28    12.8  221.4  -1.40    0.00   0.05
 21  8  7 76  10.3  257.1   24.10   18.16    9.86    11.5  237.9  24.76    13.8  223.2  -1.46    0.00   0.01
 22  8  7 76   9.7  256.3   23.75   18.01   11.65    11.2  238.9  24.15    15.8  223.6  -1.40    0.00   0.01
 23  8  7 76   9.3  244.7   23.55   18.11   10.93     9.5  236.5  23.90    16.3  224.9  -1.65    0.00   0.01
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                                RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                        30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR    WS10  WDR10     AT10      RH10      SG10       WS30   WDR30     AT30       WS60   WDR60     DT60      PREC      SI
++ ++ ++ ++   +----------------------------------------+     +-------------------+       +-------------------+     +------------+

 0  9  7 76    7.6   264.5     23.49     18.16     24.02        9.3   232.6     23.80      15.1   228.9     -1.29      0.00      0.01

 1  9  7 76    4.4   273.4     23.08     18.61     20.62        7.0   226.8     23.19      14.0   227.3     -0.52      0.00      0.01

 2  9  7 76    5.1   240.5     22.88     18.51     17.72        6.9   228.8     22.83      12.1   227.5     -0.14      0.00      0.01

 3  9  7 76    3.2    76.7     20.83     19.40      8.54        3.5    85.6     20.93       4.8   271.4     -0.90      0.00      0.01

 4  9  7 76   12.6   267.2     21.76     18.91    999.00       13.9   256.8     21.98      15.7   247.0     -0.25      0.00      0.01

 5  9  7 76    3.6   240.3     21.06     19.13     22.95        4.9   284.0     20.98       6.4   243.0     -0.29      0.00      0.01

 6  9  7 76    8.2   265.6     22.10     19.60    999.00        9.7   259.2     22.14       9.5   238.5      0.19      0.00      0.11

 7  9  7 76    4.1    26.5     22.47     17.13    999.00        3.7    80.2     23.18       3.7    50.3     -0.08      0.00      0.33

 8  9  7 76    7.2   317.7     24.82     17.05    999.00        7.3   295.4     24.44       7.6   264.8      0.62      0.00      0.65

 9  9  7 76    4.1   171.5     25.39     17.26    999.00        4.5   189.2     25.48       4.4   190.1      0.66      0.00      0.99

10  9  7 76    7.5   242.2     26.07     17.37    999.00        7.8   237.7     26.36       8.6   244.0      1.13      0.00      1.20

11  9  7 76    6.1   220.1     27.73     17.52     23.17        6.9   223.6     27.36       7.2   227.7      0.92      0.00      1.39

12  9  7 76    8.2   271.0     28.11     17.18    999.00       10.0   271.3     27.47      10.5   282.4      1.03      0.00      1.27

13  9  7 76    6.2   272.8     29.33     15.94     20.87        7.9   275.3     28.69       8.1   235.1      1.03      0.00      1.55

14  9  7 76    5.8   158.8     28.06     16.74     14.44        6.4   163.9     27.94       7.5   168.4      0.79      0.00      0.82

15  9  7 76    9.2   169.7     26.21     18.85     15.26       10.5   164.7     25.92      11.5   161.6      0.59      0.00      0.55

16  9  7 76    8.2   175.0     27.33     17.54     17.14        9.8   180.5     27.46      10.4   183.8      0.87      0.00      0.77

17  9  7 76    5.2   210.1     23.71     16.72     16.22        6.3   210.1     28.53       6.3   213.3      0.72      0.00      0.78

18  9  7 76    3.3   167.5     28.64     15.63      9.86        3.3   190.1     29.02       4.3   211.7      0.48      0.00      0.53

19  9  7 76    3.4   191.1     27.53     16.32      8.65        4.4   184.6     27.95       5.6   176.5     -0.02      0.00      0.22

20  9  7 76    6.6   224.4     24.58     19.21    999.00        9.0   209.7     25.44      10.5   196.9     -1.16      0.00      0.05

21  9  7 76    2.5   225.0     22.38     19.80     14.79        4.9   193.0     22.64       8.4   188.8     -0.88      0.00      0.02

22  9  7 76    5.7   183.1     22.93     19.79     12.73       10.3   181.7     22.17      13.7   181.0     -1.67      0.00      0.01

23  9  7 76   10.2   202.7     22.34     19.57    999.00       14.8   204.1     22.60      13.5   209.9     -0.21      0.00      0.01
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                               RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                 10 - METER LEVEL                      30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR   WS10   WD10    AT10    RH10    SG10      WS30   WD30    AT30     WS60   WD60    DT60      PREC    SI
** ** ** **  +---------------------------------------+  +--------------------+  +--------------------+  +------------+

 0 10  7 76 [illegible] [illegible] 21.68  19.10   9.33  19.1  305.2   21.22    20.0  307.0   -1.29     0.00   0.01
 1 10  7 76 13.3  257.5     21.74  18.72  999.00      13.7  257.6   21.22    17.7  261.1   -0.32     0.00   0.01
 2 10  7 76  5.6   52.9     21.51  18.64  999.00       6.1   43.4   22.31     6.4   19.8   -1.47     0.00   0.01
 3 10  7 76  4.5  292.5     20.36  19.04   22.50       3.0  330.6   21.52     3.7  233.5   -1.98     0.00   0.01
 4 10  7 76  4.5  288.1     20.17  19.64   10.26       2.5  310.2   20.45     1.8  166.8   -1.50     0.00   0.01
 5 10  7 76  2.0  280.0     19.94  19.22  999.00       1.3   32.8   19.57     1.9   38.6   -0.30     0.00   0.01
 6 10  7 76  1.5  332.9     19.07  18.52   17.43       1.0  353.6   19.84     1.8  326.2   -0.77     0.00   0.11
 7 10  7 76  1.8   65.5     21.17  17.27  999.00       1.7   45.6   22.31     2.1    6.1    0.31     0.00   0.33
 8 10  7 76  2.9  108.0     23.41  16.62   21.35       3.3  103.4   23.52     3.1   28.8    0.53     0.00   0.63
 9 10  7 76  4.9  247.9     26.14  17.43  999.00       4.7  247.3   25.98     5.2  219.3    0.62     0.00   0.93
10 10  7 76  5.1  321.6     27.70  17.49  999.00       5.6  320.7   27.14     6.1  320.1    0.92     0.00   1.19
11 10  7 76  6.5  320.8     28.45  17.23  999.00       6.9  308.1   27.99     7.7  321.9    1.03     0.00   1.17
12 10  7 76  6.9  345.6     28.94  18.56  999.00       7.4  341.3   28.16     7.6  340.5    0.87     0.00   1.01
13 10  7 76 10.8   45.1     29.73  16.91  999.00      11.5   42.4   29.06    11.5   39.9    1.14     0.00   1.42
14 10  7 76  9.7  325.8     23.97  17.40   13.72       9.5  320.7   28.53     9.9  329.1    0.75     0.00   0.78
15 10  7 76 11.3  223.3     26.21  15.60   14.30      13.4  271.4   26.14    16.8  239.5    0.35     0.00   0.29
16 10  7 76 12.1  199.5     25.52  18.68   13.55      12.5  206.0   25.36    16.2  219.0    0.28     0.00   0.29
17 10  7 76  5.5  241.0     26.65  17.68  999.00       5.6  239.6   26.45     5.3  242.0    0.56     0.00   0.33
18 10  7 76 17.6    7.4     26.30  17.27   14.72      18.0   10.1   26.20    13.5    4.1    0.50     0.00   0.27
19 10  7 76 12.9  102.6     24.75  17.76    9.75      14.8  107.2   24.69    17.7  112.0    0.40     0.00   0.10
20 10  7 76  5.4   78.6     22.53  18.93  999.00       7.5   72.5   22.56    10.0   77.2    0.07     0.00   0.03
21 10  7 76  2.3   51.4     21.33  19.38   12.07       3.2   68.1   21.26     6.7   84.9   -0.05     0.00   0.01
22 10  7 76  9.5  177.3     20.01  19.53   16.53      12.0  177.9   20.61    14.2  170.3   -0.56     0.00   0.01
23 10  7 76  7.4  170.4     21.05  19.20   15.26      10.7  173.4   21.14    12.4  172.3   -0.04     0.00   0.01
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                                      RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10     RH10      SG10        WS30  WDR30    AT30        WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++    +---------------------------------------+     +-------------------+     +-------------------+    +-----------+

  0 11  7 76   3.6  203.0     20.45    19.86      9.33         4.9  191.8   20.46       6.9  179.1   -0.12     0.00     0.01

  1 11  7 76   2.2  227.3     20.02    19.99      8.29         1.7  192.2   19.39       2.9  166.0   -0.36     0.00     0.01

  2 11  7 76   1.9  191.0     20.02    20.59      6.66         3.3  161.2   19.78       4.7  150.8   -0.20     0.00     0.01

  3 11  7 76   1.5  153.3     19.71    20.93      3.18         2.9  134.1   19.12       4.4  124.2    0.08     0.00     0.01

  4 11  7 76   5.2  274.4     19.24    20.22     15.91         4.4  277.7   18.28       3.3  272.9   -0.03     0.00     0.01

  5 11  7 76   1.7   83.6     19.09    20.72      6.36         2.3   65.8   18.29       2.8   69.8   -0.09     0.00     0.01

  6 11  7 76   4.8  287.3     18.41    19.81    999.00         3.9  305.8   18.81       3.3  346.1   -0.49     0.00     0.11

  7 11  7 76   3.7   49.4     19.62    18.69    999.00         3.6   55.2   19.77       3.5   62.2    0.48     0.00     0.33

  8 11  7 76   2.5   47.2     21.32    17.11    999.00         2.4   52.5   22.31       2.6   28.6    0.41     0.00     0.63

  9 11  7 76   2.8   97.0     23.83    17.47     18.28         2.7  121.3   24.20       3.2  140.3    0.66     0.00     0.93

 10 11  7 76   5.3  110.8     25.03    17.86    999.00         5.9  107.8   24.33       6.4  119.0    0.69     0.00     1.18

 11 11  7 76   8.0  140.2     26.41    18.05    999.00         9.0  135.5   26.07       8.7  130.5    0.86     0.00     1.37

 12 11  7 76   6.4   43.8     27.33    18.02    999.00         6.1   45.4   26.92       6.9   46.7    0.79     0.00     1.51

 13 11  7 76   7.5  160.4     28.62    16.52     12.91         7.8  167.1   28.06       8.3  185.4    1.03     0.00     1.49

 14 11  7 76  10.4  176.5     27.61    17.65    999.00        12.1  180.0   27.31      12.2  184.3    0.85     0.00     0.88

 15 11  7 76   4.9  160.2     27.51    18.04    999.00         5.2  162.0   27.57       5.0  184.8    0.61     0.00     0.68

 16 11  7 76  10.1    2.7     25.10    19.86      9.27        10.7  354.5   25.30      11.4  356.9    0.53     0.00     0.29

 17 11  7 76  12.1  303.8     25.17    19.72      8.00        14.7  297.5   25.45      17.9  300.2    0.21     0.00     0.31

 18 11  7 76   8.7  277.2     25.97    19.27      6.75        11.8  278.5   26.05      13.3  286.3   -0.15     0.00     0.28

 19 11  7 76   8.0  265.1     26.73    18.79      7.85         9.6  263.2   26.93      11.3  266.4    0.24     0.00     0.23

 20 11  7 76  16.0  297.0     25.39    23.16      9.00        18.1  281.8   25.38      19.4  290.7    0.18     0.00     0.19

 21 11  7 76   8.1  230.0     22.53    20.53      5.60        10.3  240.2   23.06      11.2  252.9   -0.73     0.00     0.04

 22 11  7 76   5.7  215.4     22.59    20.03    999.00         7.3  220.3   23.03       8.3  218.4   -1.10     0.00     0.01

 23 11  7 76   5.2  232.2     20.95    20.00     11.25         5.0  211.1   21.16       5.8  183.5   -0.60     0.00     0.01
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                      RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

               10 - METER LEVEL                      30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR   WS10  WD10    AT10   RH10    SG10     WS30  WD30    AT30      WS60  WD60    DT60      PREC    SI
** ** ** **  +-------------------------------------+ +------------------+ +--------------------+ +-----------+

 0 12  7 76   6.7  252.0   21.72  19.41    3.20      6.7  236.2  21.20     6.5  214.8  -0.47     0.00   0.01
 1 12  7 76   8.3  242.4   22.43  18.62    5.00      7.9  238.2  22.94     7.5  222.5  -0.43     0.00   0.01
 2 12  7 76   9.1  252.4   20.97  19.22   10.95      9.2  246.0  21.45    11.0  237.3  -1.14     0.00   0.01
 3 12  7 76  13.7  254.0   20.66  19.41   12.20     15.3  245.5  20.66    20.1  245.6   0.02     0.00   0.01
 4 12  7 76  12.0  252.7   19.73  19.76   15.59     11.6  240.1  19.60    17.3  235.8   0.25     0.00   0.01
 5 12  7 76  11.0  244.1   20.04  19.92   21.58     11.2  231.5  19.87    16.8  228.0   0.31     0.00   0.01
 6 12  7 76   9.4  213.4   19.65  19.57   24.55     11.5  222.9  19.50    17.0  226.2   0.33     0.00   0.11
 7 12  7 76   5.7  173.0   21.71  18.47   19.36      5.9  186.4  21.40     6.3  215.5   0.64     0.00   0.76
 8 12  7 76   9.1  262.3   21.91  18.62   14.51      9.8  253.1  21.39     9.4  253.2   0.33     0.00   0.70
 9 12  7 76   8.1  236.6   23.23  19.29   14.51      8.8  236.6  22.50     9.1  243.5   0.95     0.00   0.95
10 12  7 76   8.2  246.0   24.57  19.02  999.00      8.7  245.0  23.66     9.3  253.9   1.17     0.00   1.22
11 12  7 76   5.6  192.0   24.93  18.93   24.10      6.1  175.4  24.51     6.3  192.3   0.90     0.00   1.37
12 12  7 76  15.5  306.0   24.10  20.37    9.22     16.5  304.3  23.47    16.7  307.1   0.77     0.00   0.89
13 12  7 76  13.7  309.5   24.15  19.55   11.20     15.2  307.4  22.21    15.7  308.8   1.14     0.00   1.33
14 12  7 76  20.1  304.8   21.92  18.72    8.42     23.0  299.4  21.49    25.3  304.8   0.74     0.00   0.74
15 12  7 76  16.8  313.4   18.95  22.37  999.00     20.3  307.7  18.85    23.6  313.5   0.57     0.00   0.49
16 12  7 76   9.9  333.2   21.12  19.39   19.14     10.9  334.0  20.42    11.5  339.7   0.91     0.00   0.65
17 12  7 76   3.8  352.6   21.50  19.14  999.00      4.1  348.0  21.73     4.1  331.8   0.73     0.00   0.50
18 12  7 76   6.3  273.0   21.97  18.71   14.58      7.1  228.5  21.95     7.3  231.2   0.77     0.00   0.45
19 12  7 76   8.0  245.6   21.06  19.93    5.85     10.0  257.3  22.13    10.6  262.6  -0.71     0.00   0.15
20 12  7 76   4.7    1.3   20.34  20.35  999.00      5.2  356.9  20.97     6.0  346.5  -0.15     0.00   0.05
21 12  7 76  10.4  349.4   19.10  24.65  999.00     12.6  353.0  19.19    13.9    2.3  -0.01     0.00   0.02
22 12  7 76   3.2   75.3   18.73  24.31    9.86      4.3   65.5  18.56     5.1   60.6   0.26     0.00   0.01
23 12  7 76   4.8  307.8   17.64  25.50  999.00      5.2  331.1  17.61     6.3  359.5  -0.01     0.00   0.01
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                                        RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                              10 - METER LEVEL                          30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10     AT10     RH10     SG10      WS30  WDR30    AT30      WS60  WDR60    DT60       PREC      SI
++ ++ ++ ++   +----------------------------------------+  +--------------------+  +---------------------+  +-------------+

 0 13  7 76   8.6  335.4     17.03    25.65     8.77      10.1  340.3   17.06     11.4  358.9     4.16      0.00     0.01
 1 13  7 76   5.1   75.0     14.44    44.69    11.01       7.3   69.9   14.52      9.9   71.0    -0.22      0.01     0.01
 2 13  7 76   4.0  310.8     13.73    50.45     7.66       3.6  349.4   13.57      4.2   28.9     0.05      0.00     0.01
 3 13  7 76   3.3  271.5     13.73    50.43     4.70       3.5  184.9   14.36      4.2  160.0    -1.05      0.00     0.01
 4 13  7 76   4.1  293.7     15.07    48.04     5.31       3.6  274.3   14.87      3.0  249.1    -0.03      0.00     0.01
 5 13  7 76   1.1  192.4     15.33    46.51    12.89       1.2  312.7   13.74      1.4  184.6    -0.02      0.00     0.01
 6 13  7 76   5.2  244.5     15.72    40.00     7.52       4.4  239.1   15.64      3.4  228.7     0.02      0.00     0.07
 7 13  7 76   1.9  167.5     16.88    25.20    19.04       1.9  148.6   17.50      1.6   46.7     0.33      0.00     0.32
 8 13  7 76   4.3   55.0     16.88    23.22    18.11       4.9   84.9   17.15      5.3   86.6     0.54      0.00     0.64
 9 13  7 76   4.6   90.4     18.63    21.71    23.04       4.5   93.1   19.06      4.9  101.6     0.69      0.00     0.94
10 13  7 76   5.5   76.5     19.99    19.65   999.00       5.5   76.5   20.02      5.5   80.0     0.74      0.00     1.20
11 13  7 76   6.9    6.2     20.10    20.86   999.00       7.4    6.0   21.20      6.9   13.7     0.80      0.00     1.16
12 13  7 76   9.2  296.6     20.61    20.83   999.00       9.2  282.5   22.02      8.9  298.1     0.95      0.00     1.18
13 13  7 76   9.6  320.9     21.41    19.70   999.00      10.7  316.1   22.73     11.4  321.2     1.21      0.00     1.55
14 13  7 76999.0  999.0    999.00   999.00    19.62     999.0  999.0  999.00    999.0  999.0   999.00      0.00   999.00
15 13  7 76999.0  999.0    999.00   999.00   999.00     999.0  999.0  999.00    999.0  999.0   999.00      0.00   999.00
16 13  7 76  11.2  300.9     22.26    16.38    13.72      12.9  296.3   24.36     14.1  304.5     1.02      0.00     1.17
17 13  7 76  11.3  276.6     22.39    17.57    13.04      12.3  277.1   24.31     12.8  296.8     0.96      0.00     0.86
18 13  7 76  11.7  345.5     22.17    17.25   999.00      12.3  340.7   24.47     12.8  347.2     0.72      0.00     0.55
19 13  7 76   9.6  349.2     21.08    17.70   999.00      10.9  347.5   23.64     11.7  356.1     0.74      0.00     0.22
20 13  7 76   7.7  332.0     18.26    19.26     6.12       8.2  320.7   21.66      8.6  353.7    -1.46      0.00     0.05
21 13  7 76   7.2  323.3     18.13    19.08     7.12       7.5  313.8   21.29      8.4  349.8    -1.41      0.00     0.01
22 13  7 76   6.9  324.7     18.52    18.67     6.97       6.7  314.9   21.41      6.7  356.4    -0.97      0.00     0.01
23 13  7 76   2.6  354.0     18.03    18.64    14.78       3.0  297.5   20.62      3.6  352.9    -0.53      0.00     0.01
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WD10	AT10	RH10	SG10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SI
0	14	7	76	4.2	294.4	16.93	19.12	13.65	5.4	347.3	19.87	7.2	14.7	-0.91	0.00	0.03
1	14	7	76	4.1	316.3	16.95	19.15	17.72	4.7	2.3	20.13	5.1	13.6	-0.81	0.00	0.01
2	14	7	76	1.4	6.3	16.35	19.35	999.00	3.2	49.2	18.77	6.3	55.4	-0.72	0.00	0.01
3	14	7	76	4.1	354.5	14.66	19.91	999.00	5.4	10.9	17.43	6.5	26.7	-0.79	0.00	0.01
4	14	7	76	5.5	336.6	14.25	20.30	10.16	5.4	333.3	16.91	7.4	11.6	-0.69	0.00	0.01
5	14	7	76	4.2	322.7	12.75	20.71	15.59	4.4	328.3	15.45	7.5	0.2	-0.33	0.00	0.01
6	14	7	76	3.3	302.4	15.94	19.01	12.73	3.1	341.8	16.22	4.2	12.3	-0.07	0.00	0.11
7	14	7	76	2.8	57.1	17.65	17.26	15.59	2.3	59.0	18.32	3.4	62.7	0.54	0.00	0.33
8	14	7	76	4.9	77.2	18.72	17.15	14.16	5.5	70.9	18.51	6.1	76.9	0.60	0.00	0.66
9	14	7	76	6.3	78.3	20.11	17.49	18.23	6.8	83.6	19.58	8.4	87.3	0.78	0.00	0.95
10	14	7	76	4.7	57.6	21.53	16.85	999.00	7.9	61.9	20.36	9.1	64.2	0.97	0.00	1.21
11	14	7	76	6.1	97.7	22.60	16.07	999.00	6.4	95.3	21.26	7.1	71.1	0.75	0.00	1.40
12	14	7	76	4.3	350.6	24.29	15.48	999.00	4.7	351.2	23.65	4.6	31.2	0.86	0.00	1.51
13	14	7	76	6.5	28.3	24.86	15.32	999.00	6.9	17.2	24.09	7.7	16.0	0.96	0.00	1.17
14	14	7	76	10.9	306.8	25.35	15.71	999.00	10.7	303.7	24.54	11.6	312.3	0.32	0.00	0.96
15	14	7	76	15.6	321.5	25.55	15.29	20.69	16.6	318.9	24.79	17.6	324.0	0.30	0.00	0.98
16	14	7	76	14.0	309.8	24.98	15.69	10.26	15.9	306.2	24.43	16.9	310.3	0.67	0.00	0.49
17	14	7	76	13.3	291.7	24.03	16.05	10.16	15.3	287.2	23.44	17.2	292.3	0.77	0.00	0.44
18	14	7	76	12.5	290.8	24.14	15.72	9.86	13.4	285.2	23.78	14.7	286.7	0.66	0.00	0.44
19	14	7	76	11.1	315.5	22.59	16.26	8.38	13.2	313.9	22.60	14.8	320.9	0.27	0.00	0.19
20	14	7	76	9.9	290.7	20.04	17.68	5.51	13.3	292.5	21.05	14.9	305.7	-1.57	0.00	0.04
21	14	7	76	11.5	270.5	19.96	17.77	5.51	15.3	287.7	21.01	18.0	300.5	-1.64	0.00	0.01
22	14	7	76	13.1	274.2	20.29	17.65	6.36	15.5	278.5	21.08	17.1	289.4	-1.00	0.00	0.01
23	14	7	76	12.6	277.9	19.49	17.94	6.66	16.1	284.4	20.52	18.7	295.1	-1.59	0.00	0.01

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                                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                      30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10       WS30  WDR30   AT30       WS60  WDR60    DT60       PREC    SI
++ ++ ++ ++   +-----------------------------------------+  +------------------+     +-------------------+    +-----------+

 0 15  7 76 12.1  269.9     19.70   17.89     3.77       16.7  269.7  20.09     20.1  231.7   -0.62     0.00    0.01
 1 15  7 76  4.5  274.9     17.43   19.24    24.65        9.1  275.0  18.05     11.0  296.8   -1.20     0.00    0.01
 2 15  7 76  6.0  292.9     17.56   19.10     6.36        5.7  321.5  17.95      6.4    2.6   -0.99     0.00    0.01
 3 15  7 76  7.8  297.5     17.01   19.17     6.36        8.1  319.5  17.37      3.9  348.3   -1.59     0.00    0.01
 4 15  7 76  7.8  303.9     15.68   19.97     6.51        9.6  334.3  17.43     10.7    2.5   -2.55     0.00    0.01
 5 15  7 76  5.1  294.8     15.42   20.21    14.65        5.8  335.5  15.82     10.3    9.0   -1.58     0.00    0.01
 6 15  7 76  3.3  305.9     16.38   18.46   999.00        3.5  326.2  16.36      3.8  359.1    0.20     0.00    0.11
 7 15  7 76  3.6   68.9     16.92   17.08    11.73        3.6   79.4  17.32      3.5   83.8    0.45     0.00    0.33
 8 15  7 76  5.9   67.1     17.76   17.26    16.22        6.8   67.8  17.41      7.3   66.0    0.65     0.00    0.65
 9 15  7 76  5.3   84.3     18.87   17.66    22.05        5.4   76.3  18.55      6.1   71.6    0.60     0.00    0.96
10 15  7 76  8.5   39.9     21.13   17.67    17.14        9.3   43.0  20.33      9.7   42.1    0.96     0.00    1.22
11 15  7 76  6.7   10.4     22.59   17.44   999.00        7.0   22.5  21.81      6.6   40.9    0.91     0.00    1.41
12 15  7 76  7.8    0.0     23.89   17.13   999.00        8.6    1.3  22.92      8.8   11.2    1.02     0.00    1.53
13 15  7 76 13.7    4.9     25.15   17.03   999.00       14.9    7.4  23.94     15.0    8.4    1.31     0.00    1.56
14 15  7 76  9.6   53.3     25.03   16.48   999.00       10.6   49.1  24.10     11.6   49.0    1.16     0.00    1.49
15 15  7 76 13.4  345.2     26.03   15.72   999.00       15.1  351.2  24.90     15.5    3.6    1.20     0.00    1.35
16 15  7 76  6.8   26.8     25.34   14.94   999.00        7.5   21.4  25.25      8.5   25.5    0.69     0.00    1.11
17 15  7 76 11.6   27.7     25.53   15.26   999.00       12.3   20.9  25.15     13.4   19.2    0.78     0.00    0.84
18 15  7 76  6.0   62.5     25.33   15.03   999.00        6.6   64.9  25.03      7.2   49.8    0.60     0.00    0.52
19 15  7 76  5.3   35.2     24.51   15.61    10.35        6.7   45.9  24.41      7.9   51.0    0.19     0.00    0.19
20 15  7 76  4.3  311.2     22.46   17.22   999.00        4.1    4.6  22.54      5.6   45.1   -0.53     0.00    0.04
21 15  7 76  4.0  293.4     22.08   17.58     6.02        3.0  320.1  21.64      4.4   37.8   -0.51     0.00    0.01
22 15  7 76  1.9  262.5     21.42   18.13    18.93        1.7   11.5  20.01      4.4   57.9   -0.51     0.00    0.01
23 15  7 76  2.5  282.5     21.41   18.27    14.92        1.7  132.4  19.50      3.2  133.5   -0.34     0.00    0.01
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WD10	AT10	RH10	SG10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SI
0	16	7	76	2.6	199.1	21.27	18.86	7.44	3.4	180.5	19.67	4.2	167.9	-0.26	0.00	0.01
1	16	7	76	5.1	217.5	20.95	18.41	8.54	5.1	100.4	20.63	5.2	182.9	-0.85	0.00	0.01
2	16	7	76	4.6	229.4	19.92	18.35	6.51	4.9	206.2	20.22	5.9	187.8	-0.86	0.00	0.01
3	16	7	76	3.3	176.0	18.14	18.77	6.36	4.1	173.0	20.36	4.5	162.7	-0.95	0.00	0.01
4	16	7	76	2.2	222.7	15.81	19.55	10.45	1.9	93.2	16.98	4.4	125.2	-0.57	0.00	0.01
5	16	7	76	3.1	282.7	15.23	19.39	3.18	1.0	200.5	15.15	1.8	75.6	-0.40	0.00	0.01
6	16	7	76	1.8	28.5	15.05	17.92	11.73	1.0	74.1	18.35	1.6	70.5	-0.11	0.00	0.10
7	16	7	76	1.9	334.8	19.38	16.94	999.00	1.9	311.5	19.45	1.9	327.5	0.22	0.00	0.27
8	16	7	76	4.0	63.0	19.52	16.34	11.77	4.2	68.6	19.57	4.0	56.5	0.34	0.00	0.43
9	16	7	76	3.1	6.4	22.25	16.37	999.00	3.4	9.8	22.19	4.1	355.9	0.67	0.00	0.68
10	16	7	76	5.0	27.1	24.97	15.24	999.00	4.5	51.3	24.80	5.0	85.0	0.97	0.00	1.08
11	16	7	76	6.7	237.0	25.24	15.30	14.78	7.2	230.5	24.72	7.1	240.7	0.73	0.00	1.04
12	16	7	76	4.6	255.3	25.42	15.04	999.00	4.7	252.5	24.90	4.7	262.2	0.71	0.00	0.86
13	16	7	76	5.2	71.0	26.02	13.75	999.00	5.8	67.8	26.21	5.8	62.1	0.65	0.00	1.29
14	16	7	76	9.1	324.3	26.88	14.72	999.00	10.6	315.0	26.17	10.5	320.0	0.99	0.00	1.15
15	16	7	76	7.8	302.3	27.86	14.22	16.84	9.2	299.9	26.77	9.4	302.7	1.16	0.00	1.22
16	16	7	76	9.4	335.3	27.93	14.19	999.00	10.2	332.2	27.12	11.3	334.3	1.01	0.00	1.09
17	16	7	76	7.6	313.0	27.28	14.42	15.26	8.5	317.7	26.99	8.8	320.4	0.83	0.00	0.83
18	16	7	76	7.6	5.1	27.21	14.60	999.00	8.3	4.9	26.97	8.4	7.7	0.67	0.00	0.52
19	16	7	76	7.4	334.3	26.19	15.28	999.00	8.7	338.4	26.32	10.0	347.1	-0.05	0.00	0.20
20	16	7	76	4.7	316.7	24.08	16.53	999.00	4.6	352.3	24.38	6.7	27.5	-0.01	0.00	0.04
21	16	7	76	2.2	146.6	23.82	17.31	18.55	3.6	117.4	23.59	6.3	109.0	-0.13	0.00	0.01
22	16	7	76	3.0	271.6	23.32	17.16	3.79	1.2	277.7	22.29	1.9	138.8	-0.27	0.00	0.01
23	16	7	76	2.2	271.3	22.93	17.31	8.82	1.7	163.1	22.45	3.6	131.2	-0.20	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	7	76	6.2	244.1	21.99	17.33	13.57	7.4	238.3	21.92	11.1	243.4	0.09	0.00	0.01
1	17	7	76	11.7	257.2	21.30	17.60	6.66	14.5	250.2	21.53	16.8	253.5	-0.25	0.00	0.01
2	17	7	76	6.9	268.7	21.61	17.44	11.91	9.4	270.2	21.76	12.4	274.5	-0.17	0.00	0.01
3	17	7	76	6.2	193.2	20.12	18.34	10.55	6.4	189.6	20.26	6.7	192.2	-0.42	0.00	0.01
4	17	7	76	9.2	258.4	18.68	19.15	6.02	10.0	249.2	18.78	12.9	236.7	-0.25	0.00	0.01
5	17	7	76	4.0	233.0	17.70	21.74	16.22	5.7	214.1	17.66	8.9	219.1	-0.19	0.00	0.01
6	17	7	76	4.4	247.6	18.35	19.72	14.01	5.1	230.2	18.30	7.6	234.6	0.27	0.00	0.12
7	17	7	76	5.2	170.6	20.46	16.38	21.58	5.4	185.0	20.46	5.2	206.1	0.43	0.00	0.33
8	17	7	76	4.1	126.2	21.67	15.95	22.50	3.7	139.5	21.72	4.1	176.2	0.57	0.00	0.66
9	17	7	76	4.4	175.9	22.91	16.04	999.00	4.4	192.2	22.72	4.5	221.4	0.67	0.00	0.90
10	17	7	76	5.7	226.4	24.07	15.59	999.00	5.9	222.7	23.70	6.3	233.5	0.85	0.00	1.06
11	17	7	76	6.4	92.6	22.37	15.45	16.84	6.3	90.7	24.35	6.8	106.0	0.68	0.00	0.94
12	17	7	76	5.7	306.8	23.33	15.67	999.00	6.2	304.6	24.39	6.7	310.4	0.79	0.00	0.66
13	17	7	76	3.7	42.0	25.50	15.36	999.00	9.6	46.1	24.89	9.7	56.3	1.19	0.00	1.44
14	17	7	76	11.2	15.5	24.22	16.55	17.43	11.2	20.5	24.30	11.7	19.9	1.03	0.00	1.07
15	17	7	76	9.4	41.0	22.95	17.15	7.52	10.4	44.5	23.18	11.5	46.5	0.20	0.00	0.44
16	17	7	76	7.7	12.8	24.69	16.27	10.96	7.9	17.3	24.43	7.5	16.8	0.59	0.00	0.59
17	17	7	76	5.0	42.0	24.45	16.30	10.45	7.1	39.3	24.27	7.8	40.3	0.39	0.00	0.22
18	17	7	76	5.2	91.4	24.10	15.96	9.11	6.6	91.0	23.86	9.1	98.0	0.43	0.00	0.14
19	17	7	76	7.7	328.3	20.68	17.70	999.00	8.6	330.3	21.66	8.5	346.6	-0.31	0.01	0.05
20	17	7	76	20.1	302.8	14.95	65.10	8.04	24.5	208.9	15.13	28.7	301.2	0.32	0.03	0.01
21	17	7	76	5.0	170.5	15.38	62.50	10.64	7.0	167.4	15.57	7.5	169.9	-0.24	0.00	0.00
22	17	7	76	6.2	255.7	15.95	61.93	5.10	7.1	240.5	15.32	7.6	226.0	-0.39	0.00	0.00
23	17	7	76	9.2	257.3	14.25	67.97	6.19	12.2	256.4	14.66	13.4	261.4	-0.68	0.00	0.00

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                              RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                     10 - METER LEVEL                   30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR   WS10  WD10     AT10    RH10    SG10      WS30  WD30    AT30      WS60  WD60    DT60     PREC    SI
** ** ** **  +------------------------------------+   +-------------------+   +--------------------+   +-----------+

 0 18  7 76   5.6  242.2    14.14   64.26    6.36      5.7  229.9   14.49      7.3  221.7   -0.27     0.02    0.00
 1 18  7 76   3.9  261.0    13.80   67.42  999.00      4.0  237.1   13.74      4.4  245.4    0.11     0.01    0.00
 2 18  7 76   4.3  196.2    13.70   66.23  999.00      5.4  237.4   14.58      7.3  245.2   -1.32     0.00    0.00
 3 18  7 76   3.9  242.6    13.14   68.77  999.00      5.3  221.7   13.53      6.0  193.1   -0.67     0.00    0.00
 4 18  7 76   5.1  191.9    13.20   70.11   11.20      5.9  173.2   13.25      6.6  171.8   -0.55     0.00    0.00
 5 18  7 76   3.2  226.1    13.93   67.28    6.02      3.0  229.9   13.53      1.5  338.8   -0.08     0.00    0.00
 6 18  7 76   2.1  250.1    14.58   57.62   19.62      2.6  249.4   15.05      3.6  239.3   -0.20     0.00    0.11
 7 18  7 76   3.4  196.7    15.84   50.96  999.00      3.6  223.7   15.34      4.4  224.6    0.34     0.00    0.20
 8 18  7 76   3.3  254.5    17.00   43.25  999.00      3.7  238.1   17.17      4.1  297.0    0.59     0.00    0.43
 9 18  7 76   2.9  323.7    17.22   47.02  999.00      2.7  333.2   17.31      2.8  337.2    0.60     0.00    0.35
10 18  7 76   4.2  138.5    19.12   36.32   20.87      4.7  150.6   18.93      4.8  164.5    0.59     0.00    1.03
11 18  7 76   4.7  125.4    20.22   31.75   21.53      4.7  131.1   20.16      4.3  109.3    0.57     0.00    1.15
12 18  7 76   9.4  274.4    21.79   24.07   15.59      9.7  271.5   20.96     10.1  268.5    0.92     0.00    1.11
13 18  7 76  12.9  287.0    13.83   46.13    8.42     14.0  284.7   18.22     14.3  287.9    0.90     0.00    0.76
14 18  7 76  15.0  283.5    20.51   42.43   11.02     16.2  279.8   19.60     16.9  281.5    0.91     0.00    1.11
15 18  7 76  16.9  296.1    20.61   39.16   10.16     19.2  294.3   19.64     19.8  296.7    0.97     0.00    1.01
16 18  7 76  19.2  306.1    18.93   43.60    9.22     20.5  302.7   19.34     21.6  305.2    0.62     0.00    0.50
17 18  7 76  24.3  270.4    15.13   66.74    9.65     22.8  270.7   14.22     32.1  276.1    6.86     0.02    0.10
18 18  7 76  15.7  314.0    14.11   54.43   11.20     19.9  306.1   17.76     20.8  302.1    0.50     0.02    0.38
19 18  7 76  10.6  265.6    14.07   49.65    7.02     13.3  268.2   14.01     15.6  277.0    0.18     0.00    0.09
20 18  7 76   6.4  224.3    13.57   55.29   15.26      8.4  240.2   13.53     11.3  253.0    0.04     0.00    0.01
21 18  7 76   8.9  192.2    12.94   61.52   15.26     11.7  191.6   12.74     14.1  200.1    0.14     0.01    0.00
22 18  7 76   4.0   67.5    12.14   75.65   10.26      5.3   71.4   11.94      6.4   76.2    0.37     0.00    0.00
23 18  7 76   3.7  147.9    11.40   78.58    5.10      4.5  151.7   11.26      5.2  160.5    0.22     0.00    0.00
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                                       RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                          30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10         WS30  WDR30    AT30         WS60  WDR60    DT60       PREC      SI
++ ++ ++ ++   +-----------------------------------------+   +----------------------+    +-------------------------+  +------------+

 0 19  7 76   3.3  292.0    11.36    30.07     4.39          4.1  286.9   11.25         3.4  269.2   -0.14       0.00     0.00
 1 19  7 76   6.2  232.2    14.27    50.73     6.51          7.9  233.0   14.58         9.7  244.9   -0.46       0.00     0.00
 2 19  7 76   3.9  274.6    13.36    55.38    18.29          4.8  255.9   13.31         7.2  235.7    0.03       0.00     0.00
 3 19  7 76   2.3  219.3    12.96    56.53    15.59          2.8  201.0   12.92         4.3  223.8   -0.24       0.00     0.00
 4 19  7 76   2.3  121.5    13.29    56.63    20.62          2.3  148.4   12.93         3.3  205.8    0.20       0.00     0.00
 5 19  7 76   5.3  239.9    13.31    55.09     7.12          6.8  244.6   13.42         8.4  252.7   -0.29       0.00     0.00
 6 19  7 76   6.6  270.8    13.37    53.34     6.12          8.0  269.6   13.49         9.8  271.9   -0.07       0.00     0.07
 7 19  7 76   3.4   73.0    13.58    49.30    11.02          3.5   74.6   14.00         3.4   85.4    0.33       0.00     0.26
 8 19  7 76   3.5  227.1    16.15    28.52   999.00          3.8  215.1   16.84         4.0  237.5    0.74       0.00     0.64
 9 19  7 76   5.4  272.5    17.35    23.31   999.00          6.1  264.3   17.50         7.1  271.7    0.34       0.00     0.89
10 19  7 76   6.4  257.8    18.55    22.55   999.00          6.3  242.7   18.00         6.9  236.5    0.84       0.00     1.11
11 19  7 76   4.2  297.5    19.85    18.96   999.00          4.2  292.1   19.86         5.2  294.4    0.34       0.00     1.33
12 19  7 76   7.1  232.6    21.01    18.08   999.00          7.2  235.5   20.33         7.4  241.9    0.91       0.00     1.42
13 19  7 76   3.7  317.1    21.28    18.62   999.00          3.7  311.9   21.20         4.5  337.3    0.81       0.00     1.32
14 19  7 76   6.9  228.2    20.45    17.45    17.43          7.7  219.7   19.99         8.9  233.6    0.78       0.00     0.50
15 19  7 76   6.2  167.7    21.43    15.38   999.00          6.5  171.1   20.22         6.7  196.0    0.81       0.00     0.98
16 19  7 76  17.6  269.2    19.39    18.32     8.88         19.7  266.0   18.31        22.3  272.5    0.64       0.00     0.53
17 19  7 76   5.9  183.2    21.45    16.25    16.22          7.2  183.6   21.06         7.3  189.0    0.69       0.00     0.57
18 19  7 76   7.1  107.3    19.43    16.95    11.02          7.6  113.3   19.21         7.8  123.8    0.67       0.00     0.36
19 19  7 76   9.5  192.5    18.70    18.29    11.47         11.4  193.7   18.62        12.5  199.0    0.30       0.00     0.13
20 19  7 76   4.9  272.9    17.86    27.05    17.43          6.0  257.2   17.76         7.2  246.0    0.22       0.00     0.03
21 19  7 76  11.0  240.3    16.46    25.49     9.00         12.6  239.8   16.41        13.9  243.2    0.21       0.00     0.01
22 19  7 76   8.1    8.4    15.56    27.02   999.00          9.1   15.8   15.59        10.2   18.5   -0.08       0.00     0.01
23 19  7 76   5.2  325.4    14.23    46.18     9.86          6.0  320.9   14.08         6.6  342.9    0.33       0.00     0.01
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SR
0	20	7	76	5.0	345.2	14.23	40.58	999.00	6.9	331.0	14.33	8.7	333.2	0.06	0.02	0.01
1	20	7	76	8.6	294.5	14.03	30.73	7.26	11.7	291.1	14.22	13.7	292.1	-0.65	0.00	0.01
2	20	7	76	4.4	284.0	13.72	42.81	12.96	7.2	307.1	13.25	9.3	331.6	-0.47	0.00	0.01
3	20	7	76	1.7	59.8	14.02	41.33	16.22	2.6	66.2	13.92	3.7	75.5	0.06	0.00	0.01
4	20	7	76	1.3	73.3	13.12	42.61	3.12	2.3	71.1	13.02	3.3	94.1	0.10	0.00	0.01
5	20	7	76	2.7	222.2	12.90	55.02	5.51	2.6	222.7	11.34	2.0	179.8	0.23	0.00	0.01
6	20	7	76	4.2	260.5	12.07	51.20	9.44	3.7	266.6	13.26	2.7	285.8	-0.29	0.00	0.07
7	20	7	76	3.3	171.1	14.34	29.09	9.96	3.9	170.2	14.49	4.3	199.5	0.37	0.00	0.31
8	20	7	76	5.0	98.1	16.00	23.22	13.00	5.3	107.2	15.31	6.1	123.8	0.64	0.00	0.62
9	20	7	76	5.1	61.5	17.23	22.50	21.35	5.7	67.0	17.14	5.9	71.0	0.61	0.00	0.80
10	20	7	76	5.1	77.1	18.07	20.00	999.00	5.6	86.2	18.72	6.1	93.0	0.35	0.00	1.17
11	20	7	76	5.4	23.1	20.61	19.44	999.00	5.6	31.0	20.03	5.4	23.9	1.04	0.00	1.36
12	20	7	76	6.2	53.3	19.07	12.83	10.35	6.6	56.2	19.61	6.7	58.9	0.65	0.00	0.56
13	20	7	76	6.7	142.8	20.67	19.07	11.32	6.6	152.0	20.23	6.9	151.6	0.68	0.00	0.57
14	20	7	76	7.7	245.6	17.46	24.26	11.91	9.7	250.3	17.93	10.5	257.3	-1.72	0.01	0.25
15	20	7	76	6.2	177.5	20.45	17.59	11.24	6.9	182.0	19.96	6.6	190.8	0.70	0.01	1.04
16	20	7	76	7.6	194.2	21.02	17.05	13.71	8.9	195.0	21.47	10.0	210.1	0.20	0.00	0.88
17	20	7	76	17.9	285.2	19.31	20.07	8.31	21.4	290.7	18.90	23.9	285.0	0.52	0.00	0.35
18	20	7	76	12.3	271.4	17.68	21.21	9.44	14.8	273.7	17.41	17.9	279.6	0.40	0.00	0.22
19	20	7	76	11.1	287.4	18.18	20.54	6.21	14.5	290.1	18.79	16.6	303.0	-0.51	0.00	0.13
20	20	7	76	3.2	351.7	17.16	21.07	21.21	5.6	65.2	17.37	9.3	67.4	-0.63	0.00	0.04
21	20	7	76	3.3	211.4	17.44	21.16	6.10	3.1	212.0	16.79	3.5	159.8	-0.19	0.00	0.01
22	20	7	76	5.3	225.7	15.97	20.92	6.02	5.9	217.9	17.40	6.2	193.9	-0.56	0.00	0.01
23	20	7	76	4.2	222.2	17.50	20.34	5.37	3.3	215.0	17.56	3.0	190.6	-0.38	0.00	0.01

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                                     RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                         10 - METER LEVEL                  30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR      WS10  WDR10    AT10    RH10     SG10     WS30  WDR30   AT30       WS60  WDR60   DT60      PREC    SI
++ ++ ++ ++     +-----------------------------------+    +-----------------+      +------------------+     +-----------+

 0 21  7 76     5.8  244.2     17.56   20.78     4.10     5.3  220.5   17.76      4.8  226.0   -0.35      0.00    0.01
 1 21  7 76     2.9  235.9     16.57   21.82    15.83     3.6  212.2   16.93      3.9  202.6   -0.94      0.00    0.01
 2 21  7 76     3.8  222.8     17.00   21.13     4.46     2.6  225.6   16.94      1.1  310.3   -0.63      0.00    0.01
 3 21  7 76     1.6  218.2     16.71   21.53    10.12     2.2  229.2   15.34      1.4  295.5   -0.57      0.00    0.01
 4 21  7 76     2.0  202.7     15.75   22.17    14.21     2.8  218.8   16.05      2.7  201.9   -1.12      0.00    0.01
 5 21  7 76     2.3   30.9     15.71   22.42    14.61     2.2   16.2   14.87      1.7  297.6   -0.78      0.00    0.01
 6 21  7 76     3.7  329.6     15.36   20.95    12.73     3.0  345.6   15.74      3.0    3.8   -0.54      0.00    0.09
 7 21  7 76     3.3  109.6     16.27   19.44     8.95     3.3  112.2   16.42      3.5  112.5    0.51      0.00    0.32
 8 21  7 76     3.3   91.4     18.01   17.70    14.86     3.7   90.9   18.21      3.4  105.7    0.47      0.00    0.62
 9 21  7 76     5.0   83.1     19.74   18.60    14.98     5.3   83.1   19.53      5.7   83.9    0.59      0.00    0.92
10 21  7 76     6.3  341.2     21.07   18.16    22.26     6.7  350.2   20.65      7.1  349.7    0.76      0.00    1.14
11 21  7 76     7.2  315.8     22.47   17.22    22.97     7.5  311.0   21.47      8.2  303.0    1.34      0.00    1.28
12 21  7 76     8.8  334.0     22.79   17.69    23.53     9.5  328.4   21.78      9.7  332.3    1.02      0.00    1.37
13 21  7 76     9.9  322.7     23.02   17.47    23.32    10.8  315.0   22.04     11.7  315.7    1.08      0.00    1.41
14 21  7 76     8.8  320.2     23.77   16.98    22.37     9.5  325.7   22.78      9.9  333.7    1.04      0.00    1.40
15 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
16 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
17 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
18 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
19 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
20 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
21 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
22 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
23 21  7 76999.0  999.0    999.00  999.00   999.00   999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
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                           RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                   10 - METER LEVEL                         30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WDR10   AT10    RH10    SG10       WS30   WDR30   AT30      WS60   WDR60   SG60      PREC    SI
** ** ** **   +-----------------------------------+    +-------------------+    +---------------------+  +-----------+

 0 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 1 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 2 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 3 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 4 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 5 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 6 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 7 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 8 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
 9 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
10 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
11 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
12 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
13 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
14 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
15 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
16 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
17 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
18 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
19 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
20 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
21 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
22 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
23 22  7 76999.0  999.0   999.00  999.00  999.00    999.0  999.0  999.00  999.0  999.0  999.00   0.00  999.00
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                          RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                   10 - METER LEVEL                    30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10    RH10    SG10     WS30  WDR30   AT30    WS60  WDR60   DT60     PREC    SI
++ ++ ++ ++   +-------------------------------------+  +-------------------+  +-------------------+  +-----------+

 0 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 1 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 2 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 3 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 4 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 5 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 6 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 7 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 8 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

 9 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

10 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

11 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

12 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

13 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

14 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

15 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

16 23  7 76999.0  999.0   999.00  999.00  999.00   999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00

17 23  7 76 10.1   58.8    27.27   13.33    9.28    11.4   61.9   26.62   11.8   63.8    0.94    0.00    0.76

18 23  7 76  3.5   59.3    26.85   13.63   12.56     9.2   53.3   26.58    9.5   54.0    0.57    0.00    0.49

19 23  7 76  7.2   77.8    25.94   14.08    7.94     9.5   80.2   25.90   12.6   90.1    0.21    0.00    0.20

20 23  7 76  3.9   99.5    24.20   15.88    5.70     5.3   96.3   24.18    7.6   95.8   -0.04    0.00    0.04

21 23  7 76  5.8  131.4    22.35   16.76   10.80     6.8  133.0   22.20    8.3  131.4    0.18    0.00    0.01

22 23  7 76  2.4  201.3    19.71   17.68   13.74     5.1  189.0   20.00    7.2  181.9   -0.62    0.00    0.00

23 23  7 76  3.7  170.9    18.93   17.99    8.93     6.4  162.2   19.20   10.4  151.3   -0.91    0.00    0.00
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                              RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                     10 - METER LEVEL                      30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR   WS10  WD10    AT10   RH10   SG10       WS30  WD30   AT30       WS60  WD60    DT60     PREC    SI
** ** ** **  +-----------------------------------+  +------------------+   +--------------------+  +------------+

 0 24  7 76   5.3  140.1   18.61  18.16  15.26       9.9  170.8  18.15      12.2  165.1   -0.72     0.00   0.00
 1 24  7 76   1.7  177.7   18.44  18.94  21.34       3.2  155.6  18.26       6.2  155.8   -0.55     0.00   0.00
 2 24  7 76   3.6  144.4   17.52  18.56   9.35       5.3  152.9  17.43       6.8  153.6    0.03     0.00   0.00
 3 24  7 76   1.2  136.0   16.52  19.65   4.39       2.4  153.2  16.34       5.0  152.6   -0.47     0.00   0.00
 4 24  7 76   2.7  236.3   16.81  19.72   2.69       1.9  225.3  16.23       2.0  212.7   -0.23     0.00   0.00
 5 24  7 76   2.9  333.1   16.06  19.13  16.23       3.0   46.4  15.80       3.2   59.6   -0.43     0.00   0.00
 6 24  7 76   2.6    7.6   15.66  19.23  20.79       3.6   34.1  16.17       4.9   63.0   -0.17     0.00   0.08
 7 24  7 76   2.7  159.1   16.97  16.14  13.16       2.5  156.8  17.57       2.5  136.8    0.50     0.00   0.30
 8 24  7 76   4.4  130.2   18.62  15.27  12.94       4.7  140.0  18.75       4.3  161.1    0.61     0.00   0.61
 9 24  7 76   6.7  134.6   21.06  15.99  15.39       7.5  136.7  20.40       7.7  146.4    0.90     0.00   0.91
10 24  7 76   5.1  251.5   22.21  15.58  18.00       4.3  257.0  21.67       4.6  265.0    0.71     0.00   1.17
11 24  7 76   6.4   31.6   23.43  15.22  19.27       6.8   26.9  22.71       6.5   16.1    0.24     0.00   1.35
12 24  7 76   6.2  324.9   23.92  15.06  26.08       6.6  328.3  23.38       6.7  335.5    0.31     0.00   1.03
13 24  7 76   7.0  286.5   24.17  15.00  14.31       7.7  290.8  23.51       7.9  290.0    0.22     0.00   0.97
14 24  7 76   8.6  160.0   25.27  13.63  14.65       9.8  171.3  24.24       9.6  177.1    1.34     0.00   1.03
15 24  7 76   7.5  342.7   25.19  13.83  25.36       8.2  333.0  24.62       8.1  327.4    0.25     0.00   0.93
16 24  7 76   7.6  241.8   25.22  14.43  16.69       7.8  237.7  24.61       8.2  242.5    0.39     0.00   0.64
17 24  7 76   9.8  189.4   25.06  14.03  12.93      11.5  195.0  24.39      12.4  201.4    0.87     0.00   0.71
18 24  7 76   6.9  155.4   24.57  13.09  10.91       8.5  198.8  24.25       8.6  197.9    0.58     0.00   0.48
19 24  7 76   5.5  187.8   23.92  14.39  10.17       8.1  181.0  23.95       8.6  182.6    0.08     0.00   0.19
20 24  7 76   7.1  257.3   21.75  16.53   9.21       8.2  232.9  21.38      13.0  226.3   -0.32     0.00   0.04
21 24  7 76   6.4  255.0   21.15  16.87  12.97       7.9  237.0  21.25      14.7  227.3   -0.65     0.00   0.01
22 24  7 76   7.9  265.0   21.07  16.87  11.15       7.9  246.1  21.12      13.0  231.7   -0.30     0.00   0.00
23 24  7 76   7.4  241.8   21.24  16.81  19.67       3.7  228.5  21.25      15.0  234.2   -0.13     0.00   0.00
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                                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                   10 - METER LEVEL                     30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10     WS30  WDR30    AT30      WS60  WDR60    DT60     PREC    SI
++ ++ ++ ++    +-----------------------------------+    +-------------------+    +-------------------+   +-----------+

 0 25  7 76 11.5  248.7      21.20    15.72    14.67     13.1  232.1   21.07     20.3  233.7     0.28     0.00     0.00

 1 25  7 76  8.1  212.4      20.36    17.08    17.95     11.2  222.9   20.30     19.3  229.7     0.16     0.00     0.00

 2 25  7 76  9.3  247.4      19.66    17.31    20.31     11.7  238.7   19.54     16.9  223.0     0.27     0.00     0.00

 3 25  7 76 11.2  255.0      19.00    17.58    15.19     11.6  235.0   18.84     17.2  232.6     0.35     0.00     0.00

 4 25  7 76  4.5  161.8      18.47    17.86    26.50      5.9  185.6   18.26      8.5  204.5     0.35     0.00     0.00

 5 25  7 76  9.5  213.9      18.16    18.01    10.04     10.9  206.8   18.06     12.1  209.5     0.31     0.00     0.01

 6 25  7 76  5.3  205.3      17.71    18.06    11.92      5.9  214.5   17.54      6.5  227.6     0.33     0.00     0.04

 7 25  7 76  4.6  192.2      17.37    17.76    16.78      5.5  201.6   17.63      6.2  232.2     0.47     0.00     0.17

 8 25  7 76 10.7  261.7      19.54    16.79    11.78     11.7  255.4   19.01     12.4  259.9     0.78     0.00     0.55

 9 25  7 76 11.4  254.7      19.87    16.90     8.91     12.6  255.9   19.14     12.9  264.1     0.37     0.00     0.82

10 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

11 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

12 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

13 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

14 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

15 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

16 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

17 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

18 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

19 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

20 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

21 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

22 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00

23 25  7 76999.0  999.0     999.00   999.00   999.00    999.0  999.0  999.00    999.0  999.0   999.00     0.00   999.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

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                   10 - METER LEVEL                         30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR    WS10  WD10   AT10   RH10   SG10       WS30  WD30   AT30     WS60  WD60   DT60     PREC    SI
** ** ** **  +-----------------------------------+  ++------------------+  +------------------+  +------------+

 0 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 1 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 2 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 3 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 4 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 5 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 6 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 7 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 8 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
 9 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
10 26  7 76999.0  999.0   999.00 999.00 999.00     999.0  999.0  999.00  999.0  999.0  999.00    0.00  999.00
11 26  7 76   4.9  112.9   19.72  15.22  26.03       4.6  141.4   19.90    2.2   68.9    0.94    0.45    1.29
12 26  7 76   4.4  330.6   20.54  15.33  22.31       4.9  307.0   20.40    5.2  311.0    0.83    0.00    1.11
13 26  7 76   9.2  334.7   21.04  15.43  19.45       9.5  330.4   20.52    9.2  329.5    0.72    0.00    1.00
14 26  7 76   8.5  245.6   21.41  15.43  11.87       9.6  244.1   20.97    9.9  242.1    0.77    0.00    0.81
15 26  7 76  10.3  254.3   21.23  16.29   8.25      10.8  254.0   19.93   12.0  255.6    0.62    0.00    0.48
16 26  7 76   9.0  254.6   15.83  17.81   7.22       9.1  243.8   16.82   12.6  230.5   -0.07    0.00    0.22
17 26  7 76   5.0  236.5   20.41  15.35  14.00       6.2  238.9   20.16    7.1  244.2    0.70    0.00    0.43
18 26  7 76   6.6  248.4   21.22  15.14  11.65       7.3  247.7   20.93    8.8  249.6    0.70    0.00    0.43
19 26  7 76   3.7   24.9   20.13  14.85  12.34       4.0   37.3   20.26    5.0   31.7    0.28    0.00    0.17
20 26  7 76   1.1   63.7   16.62  17.38   0.81       2.6   74.6   18.11    3.9   77.7    0.03    0.00    0.03
21 26  7 76   7.2  231.5   15.52  17.54   3.03       6.0  219.3   17.90    5.1  197.9   -0.22    0.00    0.01
22 26  7 76   6.5  243.2   16.72  17.22   2.06       6.2  234.7   18.24    5.5  221.6   -0.32    0.00    0.00
23 26  7 76   6.2  232.5   16.14  17.30   5.32       7.4  226.9   18.28    9.0  221.1   -0.34    0.00    0.00
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                              RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                     30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10    RH10    SG10      WS30  WDR30   AT30      WS60  WDR60    DT60       PREC     SI
++ ++ ++ ++    +---------------------------------------+   +-------------------+   +-------------------+   +-------------+

 0 27  7 76 11.9  261.3     15.70   17.47    4.94      14.3  252.2   17.98     15.5  256.6   -0.29      0.00    0.00
 1 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 2 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 3 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 4 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 5 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 6 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 7 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 8 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
 9 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
10 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
11 27  7 76999.0  999.0    999.00  999.00  999.00     999.0  999.0  999.00    999.0  999.0  999.00      0.00  999.00
12 27  7 76 12.5  319.7     22.80   14.95   17.92      14.0  316.2   22.13     15.1  315.7    0.87      0.00    0.74
13 27  7 76  9.7  354.5     23.66   14.63   24.12      10.0  348.9   22.94     10.3  351.6    0.90      0.00    1.14
14 27  7 76  7.1  323.6     24.20   14.41   21.21       7.9  320.5   23.48      8.3  336.1    0.74      0.00    1.00
15 27  7 76  8.9  324.0     25.41   13.70   26.83       9.8  318.0   24.64     10.6  321.4    0.96      0.00    1.14
16 27  7 76 10.1   12.7     25.72   13.65   16.68      11.1   16.8   25.01     11.5   23.9    1.12      0.00    1.11
17 27  7 76  3.9    9.8     24.54   14.39   27.25       4.5   12.0   24.26      5.1   12.9    0.47      0.00    0.39
18 27  7 76 16.2   10.1     24.06   14.73   16.46      18.3   13.3   23.79     19.2   11.9    0.52      0.00    0.32
19 27  7 76  6.8  346.1     22.60   15.11   12.66       7.9  353.8   22.76      8.1    0.2    0.05      0.00    0.17
20 27  7 76 10.3  303.4     20.65   16.19    5.04      11.7  321.4   22.33     12.1  333.6   -1.82      0.00    0.12
21 27  7 76 12.2  297.5     20.21   16.41    3.23      14.9  304.4   21.30     17.2  314.4   -1.93      0.00    0.02
22 27  7 76 11.7  291.0     20.17   16.45    4.26      15.2  297.9   21.54     16.5  310.3   -1.55      0.00    0.01
23 27  7 76 11.1  277.9     20.32   16.44    3.60      13.8  294.3   21.95     14.6  306.0   -1.65      0.00    0.00
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                    RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                10 - METER LEVEL                       30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR   WSPD  WDRCT   ATMP    RH10    SG10     WSPD  WDRCT   ATMP     WSPD  WDRCT   DT60     PRECP    SI
** ** ** **  +----------------------------------+   +--------------------+   +---------------------+  +------------+

 0 28  7 76 11.2  288.8    20.30   16.46    4.76     16.0  291.0   21.64    18.2  304.1   -1.42    0.00    0.00
 1 28  7 76 13.1  280.2    19.01   16.62    5.51     17.6  297.0   21.11    19.7  307.5   -1.40    0.00    0.00
 2 28  7 76 12.9  276.7    20.01   16.64    3.22     12.9  297.8   21.17    14.5  302.6   -1.35    0.00    0.00
 3 28  7 76 10.1  291.1    19.23   16.67    3.10     11.3  298.6   21.12    11.7  313.1   -1.25    0.00    0.00
 4 28  7 76  9.1  310.3    18.72   17.08    4.16     11.5  299.8   20.42    11.5  312.0   -1.07    0.00    0.00
 5 28  7 76  2.0  177.1    18.36   17.03    5.40      1.7  121.3   17.03     2.2   63.1   -0.30    0.00    0.00
 6 28  7 76  2.7  122.5    18.27   16.97    5.70      3.4  135.9   18.37     3.8  157.5   -0.12    0.00    0.07
 7 28  7 76  2.1  252.1    17.70   15.63   10.83      1.0  210.5   19.22     2.5  194.6    0.16    0.00    0.17
 8 28  7 76  2.0  172.7    20.75   14.34   15.01      2.8  171.4   21.04     2.6  183.7    0.42    0.00    0.50
 9 28  7 76  5.4  124.2    22.03   14.31   13.15      5.7  102.3   21.78     6.1  110.4    0.55    0.00    0.87
10 28  7 76  5.2   66.6    23.73   14.34   15.12      5.5   70.7   23.34     5.8   73.2    0.70    0.00    1.16
11 28  7 76  7.7  315.5    24.57   14.07   26.11      8.5  320.9   24.00     8.5  321.5    0.81    0.00    1.20
12 28  7 76  6.2  323.0    25.54   14.03   26.54      6.7  321.2   24.62     6.9  315.6    1.11    0.00    1.21
13 28  7 76  7.7  263.1    25.07   13.38   20.25      9.1  260.6   25.06    10.0  268.6    0.95    0.00    1.36
14 28  7 76  9.1  234.5    26.05   13.56   14.77     10.5  236.1   25.12    11.0  236.7    0.96    0.00    1.18
15 28  7 76  8.3  214.4    25.83   13.41   15.43      9.6  217.3   25.21    10.5  226.1    0.94    0.00    0.83
16 28  7 76 16.0  337.0    25.22   14.10   17.31     17.9  328.2   25.03    18.2  330.9    1.01    0.00    0.96
17 28  7 76 14.6  317.2    25.77   14.02   11.23     16.2  313.5   25.15    17.6  319.3    0.80    0.00    0.75
18 28  7 76  9.3  317.0    25.37   14.03   13.10     11.0  312.1   25.05    11.7  314.2    0.64    0.00    0.45
19 28  7 76  7.4  292.8    23.85   14.73    5.08      9.4  305.4   24.33    11.2  312.7   -0.30    0.00    0.16
20 28  7 76 10.0  276.6    22.47   15.72    3.41     11.9  291.2   23.58    13.0  299.1   -1.09    0.00    0.03
21 28  7 76 10.6  275.3    21.47   15.90    4.42     13.7  287.4   22.42    15.3  299.0   -1.24    0.00    0.01
22 28  7 76 11.0  272.3    21.59   16.04    4.29     13.4  287.7   22.68    14.2  297.1   -1.61    0.00    0.01
23 28  7 76 11.4  272.1    21.38   15.99    3.52     14.2  296.0   22.63    15.1  295.5   -1.62    0.00    0.00
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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                         10 - METER LEVEL                    30 - METER LEVEL               60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10    RH10     SG10      WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++   +------------------------------------+    +------------------+     +------------------+     +-----------+

 0 29  7 76 11.2  283.6     21.36   16.08     4.49      14.1  236.2   22.91     14.6  307.7   -1.44      0.00   0.00

 1 29  7 76  2.5  343.0     19.85   17.06    22.32       3.3   25.8   19.66      4.8   29.0   -0.09      0.00   0.00

 2 29  7 76  2.9  276.8     20.31   16.81     5.30       2.7  295.5   19.95      1.7  354.1    0.05      0.00   0.00

 3 29  7 76  2.7  217.3     20.40   16.98     7.68       2.3  224.5   19.92      1.7  177.5   -0.11      0.00   0.00

 4 29  7 76  2.5  210.4     20.45   17.07     5.75       2.2  180.6   19.72      2.4  157.3    0.01      0.00   0.01

 5 29  7 76  2.7  275.2     20.05   17.19     4.08       2.0  262.2   18.92      1.2  226.2   -0.32      0.00   0.00

 6 29  7 76  4.2    5.6     19.34   16.80    16.98       3.3   14.9   18.76      2.3   56.9   -1.41      0.00   0.06

 7 29  7 76  2.3  176.1     19.86   15.35    12.29       2.6  195.4   20.32      3.7  195.1   -0.04      0.00   0.26

 8 29  7 76  4.0  172.9     21.20   14.22     9.75       4.3  178.6   21.71      4.4  183.4    0.51      0.00   0.55

 9 29  7 76  8.2  144.6     23.66   14.48    11.23       9.0  147.0   23.09      9.4  147.2    0.87      0.00   0.88

10 29  7 76  5.9   50.2     24.45   13.97    16.93       5.7   32.3   24.03      6.7   38.1    0.68      0.00   1.12

11 29  7 76  4.5   77.0     26.33   13.10    25.68       4.9  105.9   25.31      5.6  105.1    0.88      0.00   1.36

12 29  7 76 10.2  280.1     25.60   13.87    10.27      10.7  272.2   24.96     11.3  273.9    0.80      0.00   0.97

13 29  7 76  9.1  261.4     26.62   13.16    15.48       9.5  251.4   25.87      9.3  247.5    1.03      0.00   0.95

14 29  7 76  6.1  299.3     25.66   14.13    15.21       6.5  280.9   25.17      7.3  270.6    0.70      0.00   0.46

15 29  7 76 15.8  300.7     24.69   14.51     7.38      18.2  298.3   24.10     19.2  305.7    0.66      0.00   0.55

16 29  7 76 15.0  284.9     24.94   14.43     8.22      18.4  279.5   24.31     19.8  286.4    0.69      0.00   0.47

17 29  7 76  9.2  282.4     24.13   14.75     6.25       9.7  279.0   23.88     10.8  288.3    0.32      0.00   0.28

18 29  7 76  9.6  295.1     24.54   14.43     7.45      10.2  292.5   24.21     10.7  298.2    0.54      0.00   0.28

19 29  7 76  9.6   23.3     23.13   15.38     9.53      10.8   26.7   22.97     12.0   29.1    0.39      0.00   0.12

20 29  7 76  3.0  344.0     20.63   16.64    26.67       5.1   24.5   20.73      7.5   37.2   -0.30      0.00   0.02

21 29  7 76  3.8  299.5     20.44   16.90     9.55       3.2  324.1   20.09      3.7   15.4    0.06      0.00   0.01

22 29  7 76  4.0  294.4     20.34   16.98     4.42       2.9  323.9   19.78      3.7   32.0   -0.23      0.00   0.00

23 29  7 76  4.2  324.2     19.70   16.36    14.32       4.4  355.0   19.74      6.3   26.2   -0.32      0.00   0.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WSPD	WDIR	ATMP	RHUM	SIGD	30 - METER LEVEL WSPD	WDIR	ATMP	60 - METER LEVEL WSPD	WDIR	DTMP	PREC	SI
0	30	7	76	3.0	322.6	19.37	17.33	21.77	4.1	4.0	19.41	6.4	22.4	-0.42	0.00	0.00
1	30	7	76	3.1	283.4	19.68	17.21	3.37	2.6	311.9	19.39	2.0	21.1	-0.05	0.00	0.00
2	30	7	76	2.4	313.3	19.10	17.23	24.67	2.8	36.2	18.90	4.9	47.6	-0.16	0.00	0.00
3	30	7	76	4.0	286.4	17.40	17.85	10.22	4.6	312.4	17.25	6.6	352.6	-0.19	0.00	0.00
4	30	7	76	1.5	185.0	17.36	18.18	14.52	1.9	52.6	16.59	3.3	24.0	0.24	0.00	0.00
5	30	7	76	1.2	322.2	16.81	18.49	24.62	2.0	29.7	16.04	3.9	42.0	0.10	0.00	0.00
6	30	7	76	4.2	302.5	16.04	18.33	5.72	4.6	334.2	16.05	5.2	3.9	-0.14	0.00	0.02
7	30	7	76	3.2	312.2	17.78	17.03	17.13	3.5	316.4	17.57	3.7	341.1	0.67	0.00	0.26
8	30	7	76	3.5	134.6	19.29	15.45	19.32	3.3	137.3	19.57	4.1	135.2	0.56	0.00	0.52
9	30	7	76	3.2	62.9	21.03	15.33	19.45	4.2	60.9	21.00	4.8	69.7	0.57	0.00	0.35
10	30	7	76	5.7	302.5	22.85	14.85	17.32	6.0	298.3	22.30	6.3	309.9	0.70	0.00	1.12
11	30	7	76	5.3	352.2	24.42	14.18	27.06	5.7	2.2	23.97	6.4	13.5	0.91	0.00	1.31
12	30	7	76	6.2	92.0	24.70	13.26	17.82	7.1	96.5	24.29	9.0	102.2	0.76	0.00	1.23
13	30	7	76	6.3	30.9	24.93	14.45	21.52	6.9	37.9	24.54	7.2	34.0	0.66	0.00	0.62
14	30	7	76	14.6	103.3	19.56	16.43	3.75	16.4	90.7	20.30	16.7	99.7	-1.00	0.06	0.24
15	30	7	76	14.1	355.3	22.72	15.15	999.00	15.6	351.0	22.21	15.8	359.7	0.54	0.01	1.07
16	30	7	76	7.7	32.1	25.53	13.48	15.65	9.3	40.4	25.16	8.1	36.8	0.62	0.00	1.00
17	30	7	76	5.6	61.4	24.96	13.88	7.67	7.2	64.9	24.84	7.9	64.2	0.28	0.00	0.43
18	30	7	76	2.9	64.3	24.74	14.60	15.22	4.1	60.8	24.72	4.7	52.1	-0.07	0.00	0.15
19	30	7	76	3.2	302.4	24.45	14.68	11.71	3.7	352.5	24.47	4.0	16.1	-0.29	0.00	0.09
20	30	7	76	12.3	259.1	21.62	15.40	6.62	14.0	263.6	22.14	14.7	273.6	-0.31	0.02	0.02
21	30	7	76	11.4	285.4	16.01	17.90	5.50	14.9	287.2	16.61	17.6	293.1	-2.38	0.04	0.00
22	30	7	76	10.0	343.3	14.90	18.25	27.50	21.7	342.3	14.34	24.6	345.8	0.06	0.00	0.00
23	30	7	76	11.1	19.2	14.46	18.35	8.33	13.1	25.9	14.45	15.4	26.3	0.03	0.00	0.00

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                          RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                          30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10     RH10     SG10       WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++   +--------------------------------------------+  +----------------------+  +----------------------+  +-------------+

 0 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 1 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 2 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 3 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 4 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 5 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 6 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 7 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 8 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
 9 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
10 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
11 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
12 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
13 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
14 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
15 31  7 76999.0  999.0     999.00   999.00   999.00      999.0  999.0  999.00    999.0  999.0  999.00     0.00  999.00
16 31  7 76   9.2  348.4     24.66    14.12   999.00        9.8  344.7   24.04     10.1  349.4    0.93     0.00    0.58
17 31  7 76   8.9   12.2     24.01    14.55     6.94        9.6   15.2   23.62      9.4   12.0    0.63     0.00    0.42
18 31  7 76   5.2  305.8     23.82    14.33     8.79        6.0  304.9   23.49      6.3  314.1    0.57     0.00    0.24
19 31  7 76  13.1  251.5     22.85    15.04    11.66       13.9  242.3   22.63     19.3  238.8    0.40     0.00    0.10
20 31  7 76   9.4  205.4     14.92    18.27    14.72       12.6  202.6   14.72     15.9  205.0    1.13     0.03    0.02
21 31  7 76   5.1  212.9     17.12    18.03    16.50        5.3  203.2   17.79      6.0  180.5   -1.79     0.02    0.00
22 31  7 76   5.6  312.0     13.55    18.62    23.35        7.5  328.4   13.62      9.5  339.1   -0.01     0.00    0.00
23 31  7 76   4.7   63.8     12.53    19.31     6.04        5.7   64.0   12.39      6.3   57.5    0.22     0.00    0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	8	76	2.5	181.2	11.22	19.44	7.60	3.2	172.4	11.65	3.6	165.9	0.27	0.00	0.00
1	1	8	76	5.4	232.1	12.29	19.26	5.39	6.4	216.9	12.48	4.1	199.4	-0.29	0.00	0.00
2	1	8	76	2.9	198.4	12.93	19.13	9.19	3.6	174.3	12.38	5.7	164.7	0.03	0.00	0.00
3	1	8	76	3.6	280.0	13.10	18.29	3.14	3.5	291.8	13.22	3.4	284.5	-0.03	0.00	0.00
4	1	8	76	3.9	246.7	12.95	19.15	6.67	3.7	229.9	12.81	5.0	217.9	-0.14	0.00	0.00
5	1	8	76	5.0	247.5	13.41	18.73	6.67	6.2	242.0	13.53	8.7	239.7	-0.12	0.00	0.00
6	1	8	76	4.7	249.7	12.55	19.19	7.00	6.9	253.4	12.76	9.2	259.6	-0.60	0.01	0.02
7	1	8	76	3.4	251.4	12.83	19.06	3.93	3.7	232.6	12.73	4.1	221.1	-0.03	0.00	0.07
8	1	8	76	3.1	173.5	14.01	17.79	8.65	3.3	163.3	13.95	3.2	168.8	0.45	0.00	0.27
9	1	8	76	4.2	249.8	15.00	17.46	14.06	4.9	251.9	14.83	5.5	254.8	0.49	0.00	0.33
10	1	8	76	4.6	233.6	15.45	17.50	14.58	4.8	236.2	15.21	4.9	246.1	0.57	0.00	0.36
11	1	8	76	8.5	293.0	17.04	16.88	12.08	9.0	279.6	16.56	9.6	281.0	0.80	0.00	0.74
12	1	8	76	11.1	302.3	17.86	16.39	10.94	12.7	303.4	17.26	13.2	304.5	0.33	0.00	0.85
13	1	8	76	3.4	242.5	17.26	16.09	12.54	3.8	233.7	17.06	4.7	246.5	0.50	0.00	0.26
14	1	8	76	4.3	135.1	18.30	15.35	18.33	4.6	141.3	18.13	4.7	156.7	0.56	0.00	0.68
15	1	8	76	5.9	163.3	17.93	16.18	11.80	6.6	166.1	17.69	6.5	163.9	0.66	0.00	0.46
16	1	8	76	6.9	161.7	18.27	16.24	8.94	7.7	168.5	17.95	7.7	177.0	0.58	0.00	0.41
17	1	8	76	7.0	223.3	17.40	16.97	13.84	8.6	223.7	17.20	10.8	233.6	0.42	0.00	0.17
18	1	8	76	12.7	15.0	15.67	17.75	6.73	14.4	24.2	15.44	15.0	24.2	0.51	0.00	0.10
19	1	8	76	6.7	23.7	14.51	18.32	6.42	8.2	31.1	14.34	9.7	33.0	0.42	0.00	0.03
20	1	8	76	3.0	337.5	14.12	18.58	10.10	2.9	358.5	13.80	3.2	29.4	0.35	0.00	0.01
21	1	8	76	4.0	321.1	13.80	18.61	2.78	3.2	309.0	13.83	2.9	311.9	0.09	0.00	0.00
22	1	8	76	3.2	277.7	14.38	18.40	7.67	2.0	285.4	13.23	1.6	241.8	0.17	0.00	0.00
23	1	8	76	3.4	237.2	14.29	18.46	5.98	3.1	276.2	14.25	2.6	232.3	0.13	0.00	0.00

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                                RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                       10 - METER LEVEL                      30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10     WS30  WDR30    AT30      WS60  WDR60    DT60     PREC     SI
++ ++ ++ ++   +--------------------------------------+   +-------------------+   +--------------------+  +-----------+

 0  2  8 76   7.7  239.2    15.21    18.12     2.46      7.7  231.0   15.51      3.0  226.4   -0.50     0.00    0.00
 1  2  8 76   7.2  256.4    14.57    18.27     7.66      9.0  259.2   14.65     11.5  267.4    0.08     0.00    0.00
 2  2  8 76   6.1  281.0    14.16    18.57     7.46      8.2  282.0   14.35     10.4  286.3   -0.10     0.00    0.00
 3  2  8 76   2.3  266.8    13.78    18.76     0.63      2.8  295.3   13.55      4.2  305.0    0.28     0.00    0.00
 4  2  8 76   1.7  330.3    13.93    18.82    15.12      1.8    9.1   13.45      2.1  332.7    0.30     0.00    0.00
 5  2  8 76   3.1  190.7    13.59    18.82     3.38      2.3  172.8   13.38      2.2   95.2   -0.12     0.00    0.00
 6  2  8 76   5.6  227.2    13.57    18.68     4.79      5.6  213.2   13.63      5.2  197.8   -0.02     0.00    0.01
 7  2  8 76   4.0  240.1    14.05    18.49     4.34      4.7  226.4   14.04      4.6  213.6    0.18     0.00    0.07
 8  2  8 76   1.8  166.7    14.51    17.86     6.76      1.5  163.7   14.53      1.9  160.2    0.35     0.00    0.16
 9  2  8 76   3.7   78.0    14.52    17.45     7.25      3.9   81.0   14.40      4.2   86.6    0.46     0.00    0.24
10  2  8 76   4.6   73.8    15.22    16.03    11.87      5.2   88.2   15.00      5.9   94.9    0.61     0.00    0.53
11  2  8 76   5.0   71.2    15.69    16.66    12.86      5.5   79.6   15.42      7.0   92.1    0.71     0.00    0.66
12  2  8 76   4.4   50.9    16.66    15.59    18.85      4.7   62.7   16.51      5.4   83.6    0.57     0.00    0.94
13  2  8 76   6.2   47.2    18.06    15.26    21.17      6.9   53.3   17.73      7.3   51.7    0.63     0.00    1.12
14  2  8 76   7.1  292.2    15.66    17.77    10.22      8.1  290.8   15.49      9.3  295.5    0.79     0.01    0.62
15  2  8 76   3.2  150.7    18.72    14.84    17.70      4.4  181.0   18.43      4.3  195.6    0.72     0.00    0.81
16  2  8 76   5.4  122.2    19.64    14.16    16.11      6.2  122.4   19.41      6.1  127.9    0.60     0.00    0.85
17  2  8 76   5.3   79.0    19.64    14.70    12.30      5.9   86.4   19.32      7.1   93.4    0.61     0.00    0.56
18  2  8 76   5.2  129.9    19.26    14.52    12.66      6.4  127.3   19.84      7.0  126.0    0.58     0.00    0.41
19  2  8 76   4.5  105.0    19.21    15.88     8.83      7.1  105.1   19.30      9.7  104.2    0.01     0.00    0.11
20  2  8 76   2.2  120.9    17.99    17.48     9.40      2.3   76.4   17.42      4.3   56.7   -0.08     0.00    0.02
21  2  8 76   3.1  262.1    17.63    17.74     6.08      3.0  288.3   16.93      2.1  314.1    0.08     0.00    0.00
22  2  8 76  10.1  287.2    16.34    17.53     7.84     12.7  293.4   16.70     13.8  306.3   -0.43     0.00    0.00
23  2  8 76   8.0  283.0    14.45    18.42     6.34      8.8  302.3   14.72     11.0  329.7   -0.79     0.00    0.00
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                         RIO BLANCO OIL SHALE PROJECT    [illegible] DATA TAPE

                  10 - METER LEVEL                       30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR   WS10  WD10    AT10    RH10    SD10      WS30  WD30    AT30      WS60  WD60    DT60      PREC   SI
** ** ** **   +----------------------------------+    +------------------+    +--------------------+  +-----------+

 0  3  8 76   4.7  333.4   14.22   13.59   17.39      4.9    0.7   14.12      7.4   17.0   -0.41     0.00   0.00
 1  3  8 76   2.0  175.1   12.41   10.44   12.97      2.7   97.1   12.75      3.6   30.7   -0.07     0.00   0.00
 2  3  8 76   2.9  300.0   12.09   10.52   13.17      2.8  336.5   11.74      3.5  354.0    0.19     0.00   0.00
 3  3  8 76   3.3  272.4   12.24   10.55    2.74      3.9  286.6   11.92      3.6  332.2    0.21     0.00   0.00
 4  3  8 76  10.7  293.5   11.03   10.62    7.17     23.2  297.4   11.23     27.2  294.3    0.77     0.00   0.00
 5  3  8 76   8.0  255.8   12.68   10.08    7.87     10.5  274.2   13.32     12.4  234.7   -0.20     0.00   0.00
 6  3  8 76   5.5  140.3   10.52   12.48   10.10      7.1  140.2   10.45      8.9  144.0    0.29     0.00   0.08
 7  3  8 76   5.4  162.0   11.72   13.32    8.59      5.0  168.5   11.54      6.8  176.2    0.53     0.00   0.22
 8  3  8 76   4.9  129.4   13.49   17.58   12.55      5.2  129.5   13.33      5.5  134.5    0.60     0.00   0.40
 9  3  8 76   5.0  127.9   15.60   16.80   13.28      5.6  127.1   15.47      5.7  132.2    0.53     0.00   0.27
10  3  8 76   5.4  130.6   17.90   16.20   18.19      6.0  136.7   17.46      6.6  148.8    0.66     0.00   1.09
11  3  8 76  16.2  191.0   21.11   15.39   15.36     20.0  197.3   19.36     23.3  210.5    1.06     0.00   1.36
12  3  8 76  12.9  234.5   20.80   15.56   14.13     15.0  229.3   20.19     18.1  231.3    0.81     0.00   1.06
13  3  8 76  11.7  228.0   21.48   15.12   17.21     13.8  223.2   20.72     15.9  230.8    1.00     0.00   0.93
14  3  8 76  15.1  226.0   22.56   14.58   16.44     18.0  209.2   21.42     21.6  220.0    1.17     0.00   1.36
15  3  8 76  13.2  197.2   22.09   14.57   15.87     16.4  198.1   20.24     18.4  210.6    1.08     0.00   1.25
16  3  8 76  16.6  310.2   18.08   16.80   11.24     18.9  306.6   17.53     20.7  303.3    0.65     0.00   0.51
17  3  8 76  17.1  302.9   19.12   16.26    8.30     19.8  295.7   18.42     20.8  290.2    0.73     0.00   0.48
18  3  8 76   9.0  286.2   16.57   17.51    6.52     11.1  288.3   16.53     12.3  298.1    0.17     0.00   0.15
19  3  8 76   2.9  308.3   15.66   17.24   21.24      3.7  352.2   15.46      4.5   12.9    0.00     0.00   0.04
20  3  8 76   2.5  157.4   15.67   18.55    8.57      2.7  106.2   15.12      4.0   84.2   -0.01     0.00   0.01
21  3  8 76   5.4  205.4   14.41   18.39    7.16      6.4  197.5   15.11      6.2  182.4   -0.39     0.00   0.00
22  3  8 76   8.2  255.6   14.64   18.46    5.56      8.6  249.7   15.10      7.9  238.2   -0.77     0.00   0.00
23  3  8 76   4.2  113.5   13.12   19.04    3.35      5.8   27.7   13.43      7.4   85.9   -0.56     0.00   0.00
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                 30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR   WS10  WDR10   AT10    RH10    SG10    WS30  WDR30   AT30      WS60  WDR60   DT60     PREC    SI
++ ++ ++ ++  +-----------------------------------+  +------------------+  +-------------------+  +-----------+

 0  4  8 76   2.5  178.0    11.30   19.77    7.48     2.9  153.2   11.60     4.0  122.7    0.08    0.00   0.00
 1  4  8 76   2.0  290.0    11.53   19.77   10.63     3.0  324.2   11.13     2.7   25.7   -0.07    0.00   0.00
 2  4  8 76   2.1  143.2    11.50   19.85   17.15     2.0   78.1   10.88     3.3   90.8    0.15    0.00   0.00
 3  4  8 76   2.4  230.3    10.98   19.90   11.38     2.7  322.4   10.65     2.4  320.7   -0.13    0.00   0.00
 4  4  8 76   3.0  274.4    11.57   19.83    2.63     3.4  271.1   11.78     2.8  255.2    0.06    0.00   0.00
 5  4  8 76   1.6  260.8    11.72   20.00    5.50     1.0  123.3    9.74     2.7  168.6   -0.45    0.00   0.00
 6  4  8 76   1.0  194.8    13.04   19.92   17.28     3.6  169.4   13.10     5.7  176.6   -0.78    0.00   0.03
 7  4  8 76   2.1   74.4    13.90   17.15   14.00     2.6  124.7   14.77     5.0  174.6   -0.56    0.00   0.26
 8  4  8 76   7.8  157.2    17.24   16.27   12.91     9.0  167.0   16.39     9.7  176.1    0.75    0.00   0.58
 9  4  8 76  10.4  210.5    19.43   16.17   19.57    13.1  204.8   18.63    14.2  224.0    1.11    0.00   0.89
10  4  8 76  15.5  183.4    19.70   16.01   13.51    17.5  196.5   18.70    19.1  205.6    1.01    0.00   1.16
11  4  8 76  12.0  186.1    20.56   15.44   17.27    14.8  191.8   19.36    17.0  205.7    1.25    0.00   1.40
12  4  8 76  15.1  190.7    21.20   15.13   16.27    17.9  195.4   19.85    19.2  210.4    1.16    0.00   1.52
13  4  8 76  12.2  210.0    22.12   14.74   19.37    14.5  223.6   20.97    15.7  226.9    1.24    0.00   1.52
14  4  8 76  15.5  205.3    22.04   14.73   15.23    18.7  205.2   20.85    20.6  216.0    1.13    0.00   1.38
15  4  8 76  14.2  192.6    22.20   14.70   16.30    17.2  194.3   20.23    18.2  206.1    1.15    0.00   1.20
16  4  8 76  13.2  190.6    22.18   14.63   13.45    17.9  191.9   21.16    19.6  200.8    0.95    0.00   0.86
17  4  8 76  14.0  206.5    22.30   14.64   15.85    16.7  213.1   21.64    21.1  226.9    0.78    0.00   0.77
18  4  8 76   9.3  234.0    21.55   14.96   15.54    10.4  225.6   21.21    13.8  228.9    0.59    0.00   0.47
19  4  8 76   6.7  235.2    20.06   15.23   16.17     9.2  224.7   20.01    14.0  230.7    0.15    0.00   0.13
20  4  8 76   9.3  258.0    19.72   16.76    3.33    11.6  259.1   19.22    14.1  261.4   -0.73    0.00   0.02
21  4  8 76  10.6  275.6    17.70   17.14    4.16    12.7  283.2   18.63    14.1  289.6   -1.07    0.00   0.01
22  4  8 76   6.6  298.2    15.46   17.07   10.45     7.5  347.6   16.46     8.8  356.9   -1.55    0.00   0.01
23  4  8 76   2.2   40.5    13.72   19.03   21.24     3.3   46.0   13.46     5.6   53.0   -0.09    0.00   0.01
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DA	MO	YR	WS10	WD10	AT10	RH10	SD10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SI
0	5	8	76	5.2	227.3	13.70	19.87	5.30	5.2	228.7	13.67	4.9	329.9	0.11	0.00	0.01
1	5	8	76	7.3	234.6	14.37	18.50	2.36	5.8	319.6	14.20	4.9	342.7	-0.31	0.00	0.01
2	5	8	76	3.4	285.8	14.28	19.73	3.41	2.7	309.5	13.94	2.2	340.4	-0.16	0.00	0.01
3	5	8	76	4.5	325.2	13.93	18.73	4.57	4.2	327.2	14.04	2.6	352.2	-0.27	0.00	0.01
4	5	8	76	3.6	200.1	13.49	13.93	3.77	2.7	312.1	13.18	1.6	46.9	-0.26	0.00	0.01
5	5	8	76	4.1	214.3	13.56	10.10	6.27	3.1	187.0	13.37	2.3	145.5	-0.50	0.00	0.01
6	5	8	76	3.5	231.9	14.15	18.43	5.64	3.6	215.1	14.13	3.6	197.8	0.01	0.00	0.05
7	5	8	76	3.2	85.0	14.07	16.56	10.70	3.7	98.6	15.35	3.5	109.7	0.40	0.00	0.27
8	5	8	76	3.2	72.9	15.34	16.37	11.66	4.1	79.6	15.07	4.2	79.3	0.44	0.00	0.58
9	5	8	76	4.6	127.1	16.83	16.31	12.02	4.6	114.6	16.60	4.9	115.0	0.50	0.00	0.89
10	5	8	76	3.6	126.5	18.64	15.60	17.92	3.9	131.4	18.41	3.9	151.5	0.64	0.00	1.16
11	5	8	76	7.4	136.4	20.58	15.11	17.70	8.3	144.4	19.75	8.8	147.3	1.05	0.00	1.36
12	5	8	76	6.0	146.3	21.22	14.84	20.29	6.0	162.3	20.54	6.1	164.0	0.76	0.00	1.25
13	5	8	76	5.5	332.0	22.27	14.60	26.41	5.6	334.5	21.54	5.8	329.1	0.76	0.00	1.36
14	5	8	76	8.7	190.0	23.24	13.09	20.21	9.5	203.5	22.32	11.4	213.0	0.93	0.00	1.44
15	5	8	76	8.8	181.7	23.24	13.66	17.67	9.9	177.0	22.38	11.0	183.6	0.99	0.00	1.28
16	5	8	76	8.6	190.5	23.12	13.80	14.00	9.9	191.3	22.36	10.7	204.0	0.21	0.00	1.26
17	5	8	76	8.4	201.5	23.02	14.02	12.44	10.2	197.7	22.30	10.7	201.1	0.35	0.00	0.77
18	5	8	76	9.4	196.4	22.38	14.27	12.08	11.6	200.3	22.14	12.8	210.7	0.42	0.00	0.46
19	5	8	76	6.7	246.1	21.15	15.23	11.70	8.3	220.0	21.14	12.2	231.5	-0.10	0.00	0.16
20	5	8	76	9.5	242.0	20.03	16.29	3.60	9.8	232.9	20.89	10.5	232.2	-0.93	0.00	0.03
21	5	8	76	8.3	235.7	19.90	16.35	3.12	7.7	224.9	20.40	7.8	214.7	-0.67	0.00	0.01
22	5	8	76	9.4	245.4	19.29	16.65	2.80	9.3	233.2	20.31	9.4	222.2	-1.39	0.00	0.01
23	5	8	76	9.7	245.2	19.00	16.71	3.52	9.7	220.7	19.91	10.1	221.6	-1.35	0.00	0.01

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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                        30 - METER LEVEL              60 - METER LEVEL
 HR DY MO YR     WS10  WDR10    AT10     RH10     SG10        WS30  WDR30    AT30        WS60  WDR60    DT60       PREC    SI
 ++ ++ ++ ++    +-----------------------------------------+    +-------------------+     +--------------------+    +-----------+

  0  6  8 76    9.2  249.2    19.06    16.72     3.97         9.5  233.3   19.69        9.9  215.4   -1.16      0.00    0.01
  1  6  8 76    9.6  248.7    17.39    17.47     2.72        11.0  227.0   18.32       12.8  205.9   -2.24      0.00    0.01
  2  6  8 76   10.1  250.2    17.30    17.41     6.42        11.9  230.8   18.07       14.1  217.4   -1.78      0.00    0.01
  3  6  8 76    9.0  279.6    18.17    17.20     4.52        10.1  226.0   18.79       10.0  213.6   -1.18      0.00    0.01
  4  6  8 76    7.2  249.4    16.61    17.82     9.22         9.3  225.0   17.37       12.6  203.8   -1.98      0.00    0.01
  5  6  8 76    7.6  251.1    15.91    13.19    15.40         9.9  222.1   16.51       16.5  207.5   -2.10      0.00    0.01
  6  6  8 76    6.2  221.4    17.03    17.58    16.86         9.8  209.7   17.33       14.5  206.3   -0.41      0.00    0.05
  7  6  8 76   11.2  184.4    18.63    16.65    10.46        14.0  186.8   18.45       15.9  191.0    0.33      0.00    0.29
  8  6  8 76   11.0  195.0    20.55    15.94    12.75        12.8  195.8   20.02       13.3  202.7    0.75      0.00    0.60
  9  6  8 76    9.8  202.7    21.35    15.47    17.72        12.3  209.0   20.96       14.5  217.5    1.13      0.00    0.91
 10  6  8 76   10.6  230.1    22.33    15.47    16.30        11.0  231.1   21.45       12.5  228.6    0.99      0.00    1.18
 11  6  8 76   12.4  228.6    23.25    15.03    18.32        15.0  225.2   22.26       17.5  232.0    1.27      0.00    1.38
 12  6  8 76   14.4  220.1    23.78    14.80    18.96        18.5  215.7   22.45       23.5  222.2    1.37      0.00    1.49
 13  6  8 76   15.6  223.3    24.72    14.41    17.12        17.6  229.5   23.47       22.7  232.9    1.16      0.00    1.52
 14  6  8 76   13.1  211.5    24.81    14.24    17.07        16.7  214.1   23.57       21.7  222.4    1.42      0.00    1.46
 15  6  8 76   17.7  197.5    24.65    14.36    13.38        22.8  202.5   23.30       25.3  210.5    0.88      0.00    1.29
 16  6  8 76   17.0  194.0    25.29    13.93    13.35        21.0  195.0   24.29       23.6  207.2    0.78      0.00    1.07
 17  6  8 76   13.2  209.7    25.00    14.22    16.03        16.7  214.4   24.34       22.0  224.2    0.73      0.00    0.77
 18  6  8 76   10.2  218.1    24.14    14.63    19.71        12.1  225.5   23.79       18.4  228.4    0.47      0.00    0.46
 19  6  8 76    8.0  207.5    22.74    15.57    16.04        12.0  210.0   22.79       16.2  215.8   -0.08      0.00    0.16
 20  6  8 76    6.1  250.2    20.92    16.92    14.43         8.2  225.4   21.21       11.9  213.6   -1.07      0.00    0.03
 21  6  8 76    7.7  246.1    20.14    17.26    11.37        10.1  222.9   21.08       13.1  211.8   -2.09      0.00    0.01
 22  6  8 76    6.6  248.0    19.64    17.51    12.02         9.3  216.2   20.62       11.5  198.5   -2.07      0.00    0.00
 23  6  8 76    7.2  245.0    20.13    17.39    10.76         9.6  221.2   21.04       11.5  206.6   -1.59      0.00    0.01
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                         RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                     30 - METER LEVEL          60 - METER LEVEL
HR DY MO YR   WS10  WDR10   AT10    RH10    SG10      WS30  WDR30   AT30      WS60  WDR60   DT60      PREC    SI
** ** ** **   +-------------------------------------+   +-------------------+   +-------------------+   +-----------+

 0  7  8 76   6.8  242.0   18.09   17.89   15.30      11.0  217.7   19.34     14.4  197.6   -2.42     0.00   0.01
 1  7  8 76   5.1  215.7   17.26   18.41   17.07       9.7  209.7   18.96     13.5  199.2   -2.24     0.00   0.01
 2  7  8 76   9.8  219.8   19.51   17.69   17.88      12.4  214.9   19.77     13.6  220.2   -0.37     0.00   0.01
 3  7  8 76   8.9  244.5   18.37   17.97   20.55      11.7  218.9   19.13     19.1  225.4   -0.26     0.00   0.01
 4  7  8 76   9.4  254.9   18.11   19.23   12.70       9.2  238.6   18.06     15.4  232.8   -0.06     0.00   0.00
 5  7  8 76   5.5  223.2   16.84   19.34   21.07       8.0  223.0   17.22     15.3  229.4   -0.56     0.00   0.00
 6  7  8 76   6.5  209.1   17.64   18.21   17.80       8.7  230.7   17.72     14.6  227.8   -0.05     0.00   0.05
 7  7  8 76   7.2  173.5   19.16   17.76   13.14       9.4  191.2   19.32     10.1  203.0    0.38     0.00   0.28
 8  7  8 76  11.9  195.1   21.53   16.34   14.30      14.1  200.9   20.81     16.5  213.7    0.96     0.00   0.59
 9  7  8 76  14.4  205.4   22.67   16.06   16.53      18.6  212.3   21.61     23.0  218.7    1.16     0.00   0.90
10  7  8 76  12.4  190.1   23.27   15.90   13.39      24.8  198.7   21.99     29.0  209.2    0.97     0.00   1.16
11  7  8 76  13.4  232.2   24.73   15.21   19.15      17.2  227.7   23.45     21.3  229.1    1.20     0.00   1.36
12  7  8 76  17.1  211.0   25.15   14.91   17.60      20.7  209.4   23.30     24.8  221.8    1.21     0.00   1.35
13  7  8 76  16.4  202.4   25.15   14.73   17.12      20.0  213.8   23.97     24.1  224.0    1.17     0.00   1.23
14  7  8 76  20.0  204.2   25.90   14.74   16.57      26.2  211.5   24.77     32.2  223.9    0.97     0.00   1.11
15  7  8 76  22.3  205.5   26.52   14.38   16.45      27.3  207.8   25.34     36.7  221.8    0.70     0.00   1.22
16  7  8 76  13.7  202.6   26.07   14.63   16.75      23.8  210.3   25.36     30.4  212.9    0.61     0.00   0.96
17  7  8 76  18.5  194.2   25.12   15.07   13.37      23.9  201.2   24.66     28.1  211.6    0.52     0.00   0.48
18  7  8 76  24.4  176.6   20.75   16.30   12.27      32.4  179.5   20.23     34.0  180.5    0.25     0.00   0.27
19  7  8 76  24.9  188.4   18.21   17.89   13.46      32.2  185.4   17.22     34.0  189.3    0.25     0.00   0.08
20  7  8 76  22.6  187.0   16.97   18.72   12.69      30.7  191.4   15.96     34.1  199.5    0.45     0.00   0.01
21  7  8 76  20.6  197.9   16.54   18.52   13.47      27.7  200.1   16.51     34.5  208.5    0.46     0.00   0.00
22  7  8 76  10.3  141.7   16.41   18.49   16.55      12.7  149.5   16.27     14.2  159.4    0.37     0.00   0.00
23  7  8 76  12.1  172.0   16.29   18.53   16.37      16.6  183.3   16.27     13.4  192.0    0.27     0.00   0.00
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                                 RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                     10 - METER LEVEL                        30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10       WS30  WDR30    AT30      WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++   +----------------------------------------+   +-------------------+   +-------------------+   +-----------+

 0  8  8 76    4.3  120.2    15.02    19.24    21.84        5.6  114.0   14.87      7.3  115.0    0.30     0.00    0.00
 1  8  8 76    2.4   19.9    13.91    19.64    24.63        4.6   76.1   14.28      6.1   93.3   -0.71     0.00    0.00
 2  8  8 76   10.6  195.5    15.66    18.99    15.77       14.5  198.9   15.75     18.3  208.2    0.07     0.00    0.01
 3  8  8 76    4.4  356.8    13.86    19.40    24.69        5.1   22.0   14.06      5.0   24.5   -0.53     0.00    0.00
 4  8  8 76    3.2  335.0    13.68    19.74    27.59        3.8   17.6   13.57      4.3   25.4   -0.47     0.00    0.00
 5  8  8 76    2.8  354.1    13.06    20.10    29.91        2.8   36.0   13.06      3.5  225.0   -1.35     0.00    0.00
 6  8  8 76    2.5    3.7    13.75    19.47    25.07        2.6   61.2   14.69      2.8  156.0   -0.91     0.00    0.04
 7  8  8 76    5.1  211.7    17.05    17.62    25.51        6.1  195.7   17.09      8.3  210.0    0.40     0.00    0.25
 8  8  8 76   12.6  189.4    18.87    17.07    14.43       15.2  194.9   18.26     15.3  216.5    0.76     0.00    0.57
 9  8  8 76   12.7  200.7    20.08    16.92    18.38       15.4  204.6   19.36     17.5  218.7    0.84     0.00    0.62
10  8  8 76   16.5  195.5    21.63    16.14    16.43       18.8  201.0   20.32     22.7  215.0    1.06     0.00    1.15
11  8  8 76   15.7  192.5    22.05    15.78    14.64       19.3  198.5   20.61     21.1  212.9    1.18     0.00    1.40
12  8  8 76   15.7  207.4    22.70    15.51    19.19       18.1  211.1   21.38     22.5  223.0    1.20     0.00    1.35
13  8  8 76   13.7  204.3    22.48    15.50    17.23       17.0  208.2   21.38     19.5  219.0    1.14     0.00    1.28
14  8  8 76   16.6  197.5    22.83    15.45    14.36       21.0  200.5   21.68     23.6  214.3    0.92     0.00    1.22
15  8  8 76   16.7  190.7    21.29    16.72    12.18       21.5  190.2   20.57     21.8  201.3    0.40     0.00    0.51
16  8  8 76   16.3  196.5    21.05    16.31    12.65       20.9  183.0   20.29     21.6  190.5    0.72     0.00    0.57
17  8  8 76   28.5  272.4    14.10    19.26     9.35       36.2  271.1   12.15     40.7  277.3    2.11     0.02    0.12
18  8  8 76   10.9  200.3    13.11    18.90    11.07       15.6  198.3   13.67     18.0  201.1    2.45     0.06    0.02
19  8  8 76    2.4  122.4    12.57    19.05    21.67        4.5  162.3   12.72      8.0  183.5   -0.54     0.00    0.02
20  8  8 76    7.4  201.9    13.46    18.87    17.93        9.4  206.1   13.56     13.5  209.2   -0.25     0.00    0.01
21  8  8 76    4.2  146.0    13.06    19.04    13.37        5.9  143.4   13.13      7.5  161.7   -0.31     0.00    0.00
22  8  8 76    3.3  344.1    12.44    19.42    17.69        3.2   21.5   12.43      3.7  186.0   -1.26     0.00    0.00
23  8  8 76    3.7  318.8    11.00    19.82     7.36        3.1  351.9   10.96      3.9  116.5   -1.91     0.00    0.00
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RIO BLANCO OIL SHALE PROJECT 61 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			61 - METER LEVEL				
HR	DY	MO	YR	WS10	WD10	AT10	RH10	SG10	WS30	WD30	AT30	WS60	WD60	DT60	PREC	SI
0	9	8	76	13.5	152.6	13.05	19.82	13.34	24.5	190.7	17.38	26.2	187.1	-1.10	0.00	0.01
1	9	8	76	3.4	176.8	11.96	19.23	19.42	7.1	181.0	12.57	11.3	186.3	-1.22	0.00	0.00
2	9	8	76	2.7	78.9	13.49	19.22	11.36	3.5	80.2	13.17	4.2	102.2	0.13	0.00	0.00
3	9	8	76	2.7	146.0	13.37	19.07	21.33	4.0	157.8	13.66	6.8	173.0	-0.51	0.00	0.00
4	9	8	76	3.0	334.1	12.77	19.23	17.64	3.2	354.0	12.52	3.2	26.5	-0.34	0.00	0.00
5	9	8	76	1.9	323.4	12.46	19.50	23.51	2.5	46.2	11.63	2.5	293.2	-0.24	0.00	0.00
6	9	8	76	1.7	72.0	11.95	19.96	15.38	2.0	141.7	11.30	3.3	218.6	-0.21	0.00	0.02
7	9	8	76	7.8	208.3	15.39	17.53	19.03	9.7	213.1	15.23	13.6	225.0	0.43	0.00	0.26
8	9	8	76	9.1	203.1	17.26	16.87	18.95	11.0	215.6	16.74	14.6	224.7	0.96	0.00	0.53
9	9	8	76	10.1	195.1	13.46	16.37	15.91	12.7	206.8	17.75	14.9	219.6	1.00	0.00	0.88
10	9	8	76	10.2	266.3	19.78	16.02	13.00	11.7	260.4	18.92	13.5	263.3	0.99	0.00	1.14
11	9	8	76	12.2	264.7	20.34	15.81	11.04	13.4	260.4	19.53	15.2	262.4	0.77	0.00	1.19
12	9	8	76	11.9	202.0	21.49	14.73	19.51	13.6	208.8	20.50	15.4	211.3	0.92	0.00	1.33
13	9	8	76	10.2	272.1	20.76	15.17	12.91	11.0	274.1	19.87	11.9	269.0	0.80	0.00	1.24
14	9	8	76	5.9	278.1	20.45	15.57	22.06	6.2	274.0	19.96	6.8	247.0	0.90	0.00	0.78
15	9	8	76	13.1	230.6	22.45	14.71	15.39	15.2	226.6	21.42	17.7	228.0	0.95	0.00	1.01
16	9	8	76	11.6	221.5	22.34	14.53	16.47	13.8	216.7	21.57	16.2	231.8	1.02	0.00	0.98
17	9	8	76	12.1	201.9	21.91	15.07	15.18	14.5	209.1	21.22	17.4	214.8	0.64	0.00	0.54
18	9	8	76	11.4	194.4	21.40	15.05	12.74	13.8	206.0	21.14	18.1	212.9	0.32	0.00	0.34
19	9	8	76	6.6	222.5	20.04	15.86	17.41	8.8	217.2	20.24	14.1	227.4	-0.01	0.00	0.12
20	9	8	76	7.1	263.3	18.95	16.27	10.11	7.7	232.2	13.11	11.9	221.3	-0.55	0.00	0.02
21	9	8	76	6.6	250.8	17.13	17.45	15.47	8.2	220.0	17.39	14.7	215.3	-0.22	0.00	0.01
22	9	8	76	7.3	260.7	17.91	17.17	13.22	8.1	241.0	17.95	14.0	223.6	-0.45	0.00	0.00
23	9	8	76	11.2	253.4	17.73	17.02	5.09	14.1	266.1	15.70	15.6	220.5	-1.14	0.00	0.00

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                                     RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL            60 - METER LEVEL
HR DY MO YR     WS10  WDR10    AT10    RH10     SG10       WS30  WDR30    AT30       WS60  WDR60    DT60       PREC    SI
++ ++ ++ ++    +--------------------------------------+   +-------------------+    +--------------------+    +-----------+

  0 10  8 76   9.2  263.4     17.62   17.14     4.44      10.8  290.4   18.63     11.1  296.9   -0.94      0.00   0.00

  1 10  8 76   1.2  316.9     15.23   19.23    19.93       3.0   19.6   15.53      4.6   24.4   -0.42      0.00   0.00

  2 10  8 76   3.0  284.8     15.59   18.55     3.41       2.3  300.2   14.77      2.6  357.4   -0.07      0.00   0.00

  3 10  8 76   6.7  244.3     15.54   18.03     6.34       5.0  236.2   15.75      4.0  221.0   -0.35      0.00   0.00

  4 10  8 76   4.8  274.0     15.34   18.22     5.72       4.6  293.5   15.76      3.0  237.0   -0.69      0.00   0.00

  5 10  8 76   3.2   90.0     13.71   18.62    13.93       3.6   71.4   14.00      5.4   56.2   -0.88      0.00   0.00

  6 10  8 76   3.1  297.1     12.56   18.92     7.36       2.8  345.8   12.63      2.7  340.3   -0.37      0.00   0.04

  7 10  8 76   2.5  156.1     14.80   17.21    12.66       2.5  195.8   14.92      2.6  210.0    0.46      0.00   0.25

  8 10  8 76   3.6  164.0     16.97   16.15    19.13       4.0  184.2   16.99      5.5  206.2    0.49      0.00   0.37

  9 10  8 76   8.2  236.7     19.62   16.02    15.99      10.8  237.2   19.08     11.7  243.1    0.75      0.00   0.61

 10 10  8 76  11.7  274.2     20.31   15.34    17.17      14.1  234.5   19.75     15.3  228.5    0.71      0.00   0.59

 11 10  8 76  10.9  277.2     21.78   15.25    15.09      12.3  227.7   20.51     14.8  236.6    1.12      0.00   1.10

 12 10  8 76  10.4  227.5     22.18   14.91    16.51      13.3  228.5   21.23     15.6  236.5    1.15      0.00   1.06

 13 10  8 76  14.0  292.3     22.03   15.21    13.21      15.8  300.4   21.04     17.3  306.9    0.95      0.00   0.97

 14 10  8 76  12.2  253.2     22.58   14.82    15.16      13.4  250.7   21.69     16.1  249.1    1.03      0.00   1.09

 15 10  8 76  12.6  220.4     23.03   14.63    15.04      15.2  223.3   22.25     18.7  229.1    0.86      0.00   0.94

 16 10  8 76  18.7  318.8     16.45   17.37     7.29      21.9  312.3   17.04     24.6  314.1    1.34      0.02   0.28

 17 10  8 76  12.0  195.6     15.86   17.96    12.27      16.4  194.4   16.70     20.1  198.7   -0.10      0.03   0.08

 18 10  8 76   9.5  194.9     16.28   17.49    11.85      14.1  197.3   16.43     17.0  198.1   -0.20      0.00   0.16

 19 10  8 76   4.2  171.2     17.36   17.44    12.44       6.3  170.9   17.58      7.6  170.3   -0.31      0.00   0.04

 20 10  8 76  13.3    1.2     15.63   17.80    23.58      16.6    0.3   15.86     19.3    1.9   -0.61      0.00   0.01

 21 10  8 76   5.4  194.1     14.93   13.31    10.66       6.5  139.0   15.40      7.1  184.2   -0.48      0.01   0.00

 22 10  8 76   9.7  294.1     14.78   18.23     8.93      11.2  297.8   15.34     11.5  297.7    1.61      0.00   0.00

 23 10  8 76   7.6  245.3     14.51   18.38     6.06       6.2  238.2   14.95      4.9  226.2   -0.65      0.00   0.00
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RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SR
0	11	8	76	2.2	55.4	13.51	10.70	15.60	4.6	30.0	13.71	7.1	84.7	-0.57	0.00	0.00
1	11	8	76	1.7	2.2	12.84	10.30	26.70	2.2	78.6	12.38	3.1	86.2	0.22	0.00	0.00
2	11	8	76	3.0	127.6	11.84	10.30	11.11	10.1	113.2	12.23	13.4	127.3	-1.15	0.00	0.00
3	11	8	76	4.7	293.5	11.30	10.40	6.37	7.7	320.4	12.00	3.6	30.6	-0.61	0.00	0.00
4	11	8	76	3.2	295.6	11.45	10.73	9.87	2.7	330.6	10.86	3.1	27.2	-0.25	0.00	0.00
5	11	8	76	3.3	317.2	11.32	10.78	7.76	3.0	356.7	11.34	3.8	36.2	-0.47	0.00	0.00
6	11	8	76	4.4	232.6	11.06	10.83	4.21	3.1	233.3	10.72	1.9	178.1	-0.11	0.00	0.02
7	11	8	76	2.7	251.2	11.34	10.75	4.60	1.6	326.6	11.80	1.5	229.5	0.10	0.00	0.13
8	11	8	76	2.0	31.9	12.01	12.05	14.97	2.1	50.4	13.17	2.2	98.0	0.24	0.00	0.34
9	11	8	76	6.2	97.7	17.26	16.37	11.73	7.1	92.1	16.96	7.3	96.7	0.61	0.00	0.85
10	11	8	76	6.3	252.3	20.20	15.44	23.37	7.8	238.8	19.61	8.2	229.8	0.93	0.00	1.16
11	11	8	76	9.5	230.7	21.00	15.38	16.30	11.0	236.6	20.15	11.3	234.4	1.02	0.00	1.21
12	11	8	76	13.2	184.1	21.42	14.80	13.49	14.6	187.1	20.22	15.9	195.0	1.14	0.00	1.37
13	11	8	76	10.0	325.3	13.71	16.40	13.42	12.0	321.5	18.35	12.7	328.6	0.22	0.00	0.44
14	11	8	76	9.9	257.8	20.67	15.68	12.36	11.5	249.6	20.16	13.6	250.0	0.73	0.00	0.38
15	11	8	76	17.1	257.2	19.46	16.10	10.15	10.4	254.1	19.24	22.7	257.2	4.72	0.00	0.41
16	11	8	76	6.1	200.5	17.43	17.19	15.08	8.3	196.3	17.54	10.8	192.1	-2.86	0.01	0.09
17	11	8	76	5.8	200.3	14.94	13.10	9.50	6.5	195.1	15.64	7.0	187.1	-2.42	0.02	0.04
18	11	8	76	4.2	340.1	14.60	18.76	27.80	6.6	21.5	15.49	9.4	30.3	-0.61	0.00	0.07
19	11	8	76	13.2	22.2	14.27	20.77	14.20	15.9	22.2	14.39	18.4	33.2	-0.47	0.01	0.02
20	11	8	76	11.4	194.2	12.44	23.72	13.10	15.0	196.8	12.55	17.6	201.9	-2.08	0.00	0.01
21	11	8	76	7.2	166.4	11.93	25.05	16.41	11.7	176.2	12.05	14.3	173.5	0.05	0.00	0.01
22	11	8	76	1.7	32.1	11.30	27.73	23.87	2.4	37.7	10.95	3.0	100.3	0.10	0.00	0.00
23	11	8	76	5.2	207.5	11.76	30.47	9.00	5.5	197.5	11.05	5.4	163.5	-0.36	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	8	76	2.9	179.1	10.83	30.98	10.64	3.2	159.1	10.97	3.2	147.6	-0.25	0.00	0.00
1	12	8	76	3.3	147.7	15.09	19.93	15.63	7.0	100.2	15.00	2.9	67.8	-0.53	0.00	0.01
2	12	8	76	4.1	194.1	12.68	20.97	9.03	6.4	182.6	13.02	9.6	174.7	-0.36	0.00	0.01
3	12	8	76	4.2	210.6	13.57	20.47	12.57	4.4	207.5	13.86	3.7	184.2	-0.56	0.00	0.01
4	12	8	76	3.7	301.1	10.59	24.65	7.92	2.9	334.5	9.56	2.0	301.1	-1.41	0.00	0.01
5	12	8	76	2.4	212.5	11.59	20.22	10.64	2.2	173.1	11.31	1.8	111.9	-1.69	0.00	0.01
6	12	8	76	3.4	299.3	12.01	21.05	9.62	2.1	339.0	12.09	1.7	329.8	-0.92	0.00	0.03
7	12	8	76	2.5	58.2	12.07	19.51	9.01	2.5	60.1	13.41	2.3	60.1	-0.15	0.00	0.24
8	12	8	76	3.9	65.0	15.12	17.85	14.30	3.6	70.2	16.04	3.3	78.0	0.36	0.00	0.54
9	12	8	76	5.1	124.9	16.62	18.04	12.17	5.4	132.1	16.41	5.2	132.3	0.66	0.00	0.85
10	12	8	76	5.0	149.1	19.01	16.91	18.12	5.8	157.6	19.63	6.1	167.1	0.62	0.00	1.12
11	12	8	76	6.9	187.7	21.51	15.75	18.84	7.6	190.3	20.58	8.8	197.0	0.95	0.00	1.32
12	12	8	76	9.5	223.1	22.47	15.46	15.17	10.8	226.6	21.33	11.6	232.8	1.10	0.00	1.43
13	12	8	76	10.7	205.3	23.56	15.00	14.67	11.5	204.2	22.39	13.0	213.3	1.33	0.00	1.43
14	12	8	76	10.5	221.0	23.79	14.99	16.49	12.0	222.1	22.52	13.9	231.9	1.19	0.00	1.42
15	12	8	76	12.4	186.3	23.72	14.78	13.85	15.0	190.9	22.59	15.8	200.3	1.07	0.00	1.25
16	12	8	76	10.3	227.5	24.09	14.79	15.55	11.4	226.3	23.18	13.1	238.4	1.23	0.00	1.03
17	12	8	76	8.4	200.3	23.66	14.32	13.37	9.2	206.7	23.12	9.7	220.7	0.78	0.00	0.72
18	12	8	76	9.0	200.0	23.01	15.05	13.39	11.7	201.3	22.79	13.3	208.5	0.42	0.00	0.42
19	12	8	76	4.2	235.4	21.10	16.17	16.28	6.2	220.4	21.20	10.3	213.3	-0.28	0.00	0.13
20	12	8	76	5.0	260.2	19.21	17.68	16.99	6.9	219.8	19.44	14.5	217.0	-0.97	0.00	0.02
21	12	8	76	6.9	252.8	13.85	17.78	13.71	8.4	233.8	19.16	16.4	225.0	-1.09	0.00	0.01
22	12	8	76	10.1	249.8	19.09	17.56	6.38	11.1	229.3	19.93	13.8	215.6	-2.03	0.00	0.01
23	12	8	76	10.6	251.8	19.52	17.36	3.92	11.6	244.3	20.05	13.2	232.0	-1.15	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WSPD	WDIR	ATMP	[illegible]	[illegible]	30 - METER LEVEL WSPD	WDIR	ATMP	60 - METER LEVEL [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13	8	76	8.6	334.6	21.53	16.21	7.51	10.0	329.2	21.32	10.2	327.7	-0.27	0.00	0.01
1	13	8	76	7.0	262.2	20.12	17.14	7.40	8.7	264.7	20.60	9.1	247.5	-0.20	0.00	0.01
2	13	8	76	7.7	12.3	16.52	18.22	17.65	2.8	76.7	16.66	3.6	41.4	-0.29	0.00	0.00
3	13	8	76	11.0	262.4	19.16	17.36	12.17	14.2	263.2	19.37	17.3	263.6	0.17	0.00	0.01
4	13	8	76	3.4	255.5	18.82	17.58	14.77	10.1	246.3	18.93	12.0	262.5	-0.12	0.00	0.00
5	13	8	76	7.1	7.3	17.06	18.46	17.95	7.9	222.5	17.23	4.3	275.2	-0.72	0.00	0.00
6	13	8	76	7.7	107.3	16.52	19.35	10.77	7.3	103.2	16.80	3.5	125.8	-0.50	0.00	0.01
7	13	8	76	5.0	222.2	17.73	17.28	4.37	5.2	222.3	17.80	5.0	207.3	-0.02	0.00	0.14
8	13	8	76	4.0	222.2	17.26	17.72	20.64	6.0	214.4	17.65	9.6	226.0	0.30	0.00	0.22
9	13	8	76	4.1	65.4	17.57	17.30	19.62	4.2	51.4	17.52	4.5	94.7	0.18	0.00	0.29
10	13	8	76	6.3	141.8	15.20	18.89	10.36	8.4	150.8	15.15	10.0	164.4	0.19	0.00	0.18
11	13	8	76	6.5	100.1	19.15	16.36	15.02	7.2	103.1	19.75	7.6	116.7	0.67	0.00	1.02
12	13	8	76	3.5	77.6	19.30	16.79	11.07	9.6	91.9	18.71	10.3	95.3	0.80	0.00	0.87
13	13	8	76	7.0	98.6	19.77	16.92	11.88	7.9	87.0	19.42	8.4	86.7	1.36	0.00	0.46
14	13	8	76	10.5	5.2	18.03	17.96	22.67	12.2	4.0	17.59	12.5	13.1	0.69	0.01	0.43
15	13	8	76	9.1	92.1	19.29	16.35	9.20	10.3	93.7	18.70	11.0	100.7	0.91	0.00	0.63
16	13	8	76	11.7	170.3	20.43	15.93	9.30	14.0	181.7	19.68	14.1	186.4	0.26	0.00	0.87
17	13	8	76	12.9	172.7	21.22	15.30	12.17	12.4	175.0	20.69	12.9	175.3	0.77	0.00	0.65
18	13	8	76	5.1	160.9	19.60	16.39	11.30	6.4	162.1	19.38	7.1	161.3	0.44	0.00	0.26
19	13	8	76	3.0	235.8	18.77	17.50	3.73	2.0	334.6	18.12	2.6	84.4	-0.24	0.00	0.09
20	13	8	76	5.0	240.7	18.10	18.07	8.72	4.6	216.7	18.93	4.2	195.3	-1.11	0.00	0.01
21	13	8	76	5.6	253.3	13.97	17.98	4.02	5.3	248.2	19.20	5.5	231.7	-0.60	0.00	0.01
22	13	8	76	3.3	314.7	16.61	19.11	14.57	3.1	33.4	16.53	3.9	69.4	-0.73	0.00	0.01
23	13	8	76	4.3	327.7	14.94	19.49	5.17	4.4	7.5	15.15	5.2	37.1	-0.56	0.00	0.01

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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                         10 - METER LEVEL                        30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10        WS30  WDR30    AT30        WS60  WDR60    DT60      PREC      SI
++ ++ ++ ++   +-----------------------------------------+   +----------------------+   +------------------------+  +------------+

 0 14  9 76   4.3  227.0     14.10    19.92     6.16         3.4  317.6   14.19        3.3   15.7   -0.64     0.00     0.01
 1 14  9 76   3.3  224.0     14.19    20.14     2.73         2.4  306.2   13.67        1.6   93.2   -0.63     0.00     0.01
 2 14  9 76   2.3  262.7     14.35    20.40    11.34         1.8  195.6   12.93        3.2  140.8   -0.33     0.00     0.01
 3 14  9 76   3.3  220.2     14.47    19.90     2.13         1.5  289.9   13.31        1.7  172.3   -0.31     0.00     0.01
 4 14  9 76   2.2  300.0     14.53    20.25    12.79         2.1  321.3   13.54        1.3  235.6   -0.24     0.00     0.01
 5 14  9 76   3.0  307.3     13.96    20.44     3.68         2.2  332.9   12.79        1.9  115.8   -0.40     0.00     0.01
 6 14  9 76   4.7  295.6     13.80    19.93     3.94         3.6  301.3   13.94        1.4  105.1   -0.88     0.00     0.03
 7 14  9 76   3.1   61.8     15.61    18.32     9.83         3.6   77.8   16.53        3.7  131.2   -0.65     0.00     0.24
 8 14  9 76   5.2   64.0     16.80    18.15     9.46         5.5   71.3   16.85        5.3   97.2    0.09     0.00     0.54
 9 14  9 76   9.6  190.4     21.11    16.63    19.33        11.9  200.2   20.32       13.8  216.5    1.06     0.00     0.86
10 14  9 76   9.3  201.4     22.18    16.18    18.09        11.4  208.5   21.19       12.4  223.4    1.26     0.00     1.13
11 14  9 76  13.9  191.3     22.72    15.38    14.69        16.3  198.6   21.42       17.0  205.4    1.15     0.00     1.33
12 14  9 76  13.1  203.7     22.94    15.60    17.46        15.3  210.9   21.61       19.4  224.7    1.46     0.00     1.44
13 14  9 76  13.4  210.9     23.42    15.33    18.68        16.0  218.3   22.37       18.6  232.0    1.18     0.00     1.46
14 14  9 76  12.7  207.7     24.21    15.07    17.72        15.1  204.8   23.02       15.2  214.5    1.19     0.00     1.40
15 14  9 76  12.1  189.9     23.65    15.11    16.09        15.1  193.6   22.47       16.5  201.4    1.16     0.00     1.23
16 14  9 76  14.4  224.4     23.74    15.27    16.31        15.9  206.2   22.87       20.8  217.5    0.92     0.00     1.02
17 14  9 76  16.7  201.5     23.48    15.28    14.37        20.5  203.1   22.85       25.5  212.7    0.61     0.00     0.73
18 14  9 76  11.2  205.3     22.70    15.59    15.92        12.8  215.5   22.47       17.8  222.5    0.37     0.00     0.41
19 14  9 76   7.0  206.8     20.97    16.63    11.23        10.9  208.0   21.21       13.7  210.5   -0.31     0.00     0.11
20 14  9 76   6.3  242.5     18.26    17.90    15.43        10.3  215.2   18.99       14.7  199.9   -1.97     0.00     0.02
21 14  9 76   6.7  240.9     18.47    17.96    15.74         9.7  219.0   18.99       15.2  211.0   -1.36     0.00     0.01
22 14  9 76   6.0  222.0     18.34    18.06    18.32        12.2  212.0   18.95       17.8  205.0   -1.24     0.00     0.01
23 14  9 76   6.5  243.5     18.27    19.03    15.53         9.1  219.0   18.96       13.3  210.1   -1.55     0.00     0.00
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HR DY MO YR	10 - METER LEVEL WSPD	WDRCT	ATMP	DWPT	SGMA	30 - METER LEVEL WSPD	WDRCT	ATMP	60 - METER LEVEL WSPD	WDRCT	DTMP	PREC	SI
0 15 9 76	5.9	185.0	17.81	18.10	11.34	7.4	181.6	19.90	8.5	200.2	-0.47	0.00	0.01
1 15 9 76	6.7	191.7	17.66	18.26	12.29	10.6	204.3	19.20	11.3	202.1	-0.74	0.00	0.01
2 15 9 76	10.3	201.1	17.81	18.17	11.47	14.2	204.6	18.04	12.7	210.2	-0.22	0.00	0.00
3 15 9 76	10.[illegible]	201.0	16.88	19.52	11.77	14.1	201.3	17.20	16.6	202.2	-0.25	0.00	0.00
4 15 9 76	3.0	154.6	13.97	19.69	24.10	8.6	177.4	15.01	12.1	180.8	-1.50	0.00	0.00
5 15 9 76	2.8	173.7	13.94	20.46	11.92	4.4	141.6	14.10	5.0	160.9	-0.49	0.00	0.00
6 15 9 76	9.0	190.3	14.27	19.65	13.55	13.7	192.7	14.95	17.0	196.5	-0.81	0.00	0.02
7 15 9 76	10.6	162.8	16.48	18.20	11.90	13.9	179.3	16.26	14.6	187.8	0.41	0.00	0.26
8 15 9 76	15.7	199.1	17.95	17.34	13.28	21.1	189.2	17.17	22.4	198.7	0.84	0.00	0.52
9 15 9 76	17.3	202.7	19.02	17.48	15.81	23.4	205.7	17.36	29.1	213.7	0.96	0.00	0.89
10 15 9 76	21.1	187.5	19.29	17.41	13.77	26.1	194.8	17.93	29.7	201.5	0.58	0.00	1.15
11 15 9 76	19.6	198.5	20.45	16.85	13.48	26.2	196.5	18.78	29.4	204.0	0.24	0.00	1.35
12 15 9 76	23.4	191.1	21.21	16.49	12.77	29.7	194.7	19.47	29.9	191.1	0.78	0.00	1.47
13 15 9 76	21.7	190.3	21.45	16.30	13.04	29.3	192.6	19.84	31.6	201.4	0.80	0.00	1.49
14 15 9 76	17.5	205.9	22.01	16.00	17.02	21.0	203.3	20.59	24.7	214.1	1.21	0.00	1.40
15 15 9 76	16.7	207.2	21.90	16.06	16.62	21.2	209.9	20.70	27.2	220.0	1.15	0.00	1.24
16 15 9 76	15.0	202.9	21.73	16.04	16.96	17.2	202.4	20.25	20.9	219.4	0.81	0.00	0.94
17 15 9 76	15.0	202.5	21.04	16.43	15.97	19.2	205.1	20.57	21.6	215.5	0.57	0.00	0.54
18 15 9 76	12.6	200.2	20.77	16.39	14.90	15.5	214.0	20.47	13.0	225.0	0.46	0.00	0.34
19 15 9 76	6.6	229.9	19.28	17.29	17.58	9.5	227.8	19.21	12.6	231.9	0.19	0.00	0.11
20 15 9 76	5.3	219.0	17.95	18.25	18.35	7.1	226.1	17.94	12.9	227.2	-0.17	0.00	0.02
21 15 9 76	5.4	244.3	16.79	18.67	15.53	9.1	223.5	17.35	13.4	207.4	-1.19	0.00	0.01
22 15 9 76	6.5	250.0	16.20	18.86	13.47	8.1	229.4	16.45	15.8	212.1	-1.29	0.00	0.00
23 15 9 76	4.7	200.7	16.17	18.96	20.87	8.3	214.3	16.44	15.6	213.3	-0.91	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	8	76	4.9	240.9	15.85	19.06	20.87	6.7	225.7	15.21	14.3	219.6	-0.38	0.00	0.00
1	16	8	76	5.2	221.7	15.85	19.11	19.45	6.5	230.0	15.46	14.1	227.2	-0.21	0.00	0.00
2	16	8	76	6.4	197.5	15.62	19.20	17.44	8.1	217.8	15.67	13.4	224.8	-0.15	0.00	0.01
3	16	8	76	5.8	272.4	14.23	19.64	3.66	7.4	270.0	14.37	3.3	250.7	-0.38	0.00	0.00
4	16	8	76	6.1	274.1	13.90	19.20	4.73	6.5	269.5	13.93	3.0	256.6	-0.12	0.00	0.00
5	16	8	76	6.5	273.1	13.60	19.95	3.38	7.3	269.5	14.09	3.2	263.5	-0.57	0.00	0.01
6	16	8	76	3.6	277.2	12.44	20.08	12.44	4.1	242.8	12.82	6.6	221.3	-0.43	0.00	0.02
7	16	8	76	5.9	187.4	14.33	18.63	16.30	7.2	193.1	14.22	8.5	213.4	0.40	0.00	0.23
8	16	8	76	11.5	194.2	15.52	18.70	11.75	12.6	193.3	15.02	14.0	204.4	0.78	0.00	0.54
9	16	8	76	13.4	197.2	16.95	18.21	15.30	16.3	202.6	16.04	13.3	212.0	1.09	0.00	0.85
10	16	8	76	13.1	199.0	18.12	17.81	16.38	16.5	199.9	17.01	18.2	211.5	1.14	0.00	1.11
11	16	8	76	15.9	194.6	19.30	17.26	16.07	18.3	205.3	18.07	21.1	219.6	1.12	0.00	1.31
12	16	8	76	14.0	193.5	20.29	16.54	14.91	17.9	198.4	19.05	19.7	213.6	1.17	0.00	1.42
13	16	8	76	14.2	212.9	21.59	16.10	19.84	16.3	210.8	20.25	20.0	217.8	1.37	0.00	1.44
14	16	8	76	13.6	206.9	22.12	15.36	13.02	17.7	207.5	20.75	19.9	217.7	1.39	0.00	1.37
15	16	8	76	15.2	197.0	22.44	15.77	15.42	19.7	198.4	21.28	20.3	213.1	1.09	0.00	1.22
16	16	8	76	13.0	195.5	22.65	15.62	14.09	18.8	193.3	21.60	20.8	202.6	0.93	0.00	1.01
17	16	8	76	11.6	202.7	22.42	15.70	14.50	14.4	197.7	21.74	16.3	211.5	0.70	0.00	0.73
18	16	8	76	10.1	197.6	21.82	15.94	13.38	13.9	201.8	21.50	15.9	207.3	0.47	0.00	0.40
19	16	8	76	6.3	215.6	20.49	16.71	15.68	9.5	220.4	20.50	13.5	222.0	0.04	0.00	0.12
20	16	8	76	7.8	255.9	19.01	17.92	7.05	8.3	237.0	19.28	10.7	219.5	-1.00	0.00	0.02
21	16	8	76	6.1	252.6	17.70	18.34	13.80	7.4	227.1	18.14	11.3	201.7	-1.51	0.00	0.01
22	16	8	76	6.1	250.3	17.98	18.24	15.54	8.4	224.6	18.57	12.3	203.1	-1.67	0.00	0.00
23	16	8	76	6.7	212.2	17.97	18.34	13.90	10.7	209.7	18.41	14.3	203.8	-0.78	0.00	0.00

[illegible]

HR	DY	MO	YR	10 - METER LEVEL [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	17	8	76	4.3	194.4	18.36	18.13	22.62	9.4	215.7	19.68	18.5	277.1	-1.53	.00	0.00
1	17	8	76	10.0	194.4	18.63	17.09	10.98	14.4	194.6	19.07	17.2	192.2	-0.47	0.00	0.00
2	17	8	76	9.9	201.8	18.07	18.17	11.13	13.6	199.8	18.62	17.0	197.4	-0.55	0.00	0.00
3	17	8	76	7.4	212.3	17.83	18.20	13.40	10.5	203.1	19.01	15.4	212.8	-0.36	0.00	0.00
4	17	8	76	4.7	171.7	16.61	18.60	19.16	8.1	192.9	17.20	10.4	201.7	-0.74	0.00	0.00
5	17	8	76	5.4	200.6	16.58	18.01	19.27	9.0	201.9	16.82	13.0	202.2	-0.52	0.00	0.00
6	17	8	76	7.4	171.6	16.36	19.30	29.01	3.4	213.5	16.08	6.9	215.2	-0.05	0.00	0.01
7	17	8	76	4.1	136.7	15.96	13.74	15.48	6.5	169.9	16.19	3.9	198.6	-0.38	0.00	0.09
8	17	8	76	4.2	110.9	16.56	18.13	17.69	5.1	124.5	16.42	5.8	147.7	0.24	0.00	0.26
9	17	8	76	14.0	191.7	19.40	17.10	12.21	17.7	135.2	18.54	18.0	193.4	0.92	0.00	0.66
10	17	8	76	11.4	194.2	19.98	16.80	14.45	13.9	190.8	19.15	15.0	201.9	1.00	0.00	0.69
11	17	8	76	14.1	201.4	21.29	16.31	16.66	17.4	202.8	20.03	21.0	215.5	1.36	0.00	1.09
12	17	8	76	10.0	204.4	21.38	16.20	17.00	12.1	208.0	20.53	13.9	224.4	1.05	0.00	0.89
13	17	8	76	10.5	200.1	21.53	16.07	17.88	12.9	213.6	20.61	15.7	223.1	1.14	0.00	0.83
14	17	8	76	12.1	212.9	23.41	15.31	18.32	15.1	211.2	22.13	18.5	223.8	1.31	0.00	1.29
15	17	8	76	11.4	215.5	23.19	15.53	17.17	12.7	217.7	22.37	14.2	223.5	1.02	0.00	1.03
16	17	8	76	10.9	200.9	22.91	15.78	14.30	13.7	203.6	22.12	14.9	215.7	0.97	0.00	0.62
17	17	8	76	3.2	192.2	22.44	16.06	14.75	10.5	207.6	21.96	12.6	212.1	0.78	0.00	0.36
18	17	8	76	17.0	200.3	20.83	16.39	12.64	22.5	197.3	20.44	25.4	206.0	0.59	0.00	0.15
19	17	8	76	13.2	200.1	18.27	17.95	13.39	16.7	202.1	18.03	20.2	202.5	0.48	0.00	0.04
20	17	8	76	9.3	242.6	16.41	18.72	3.92	12.1	240.7	16.34	13.7	242.1	-0.31	0.00	0.01
21	17	8	76	13.7	255.8	15.47	19.08	6.72	16.1	253.8	15.37	19.0	258.2	0.00	0.00	0.00
22	17	8	76	10.0	257.1	14.49	19.58	10.00	10.7	245.0	14.69	15.1	234.8	0.01	0.00	0.00
23	17	8	76	12.6	259.3	12.07	40.48	6.95	12.9	256.9	11.82	14.0	255.6	3.40	0.01	0.00

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                                     RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                      10 - METER LEVEL                        30 - METER LEVEL             60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10       WS30  WDR30   AT30        WS60  WDR60   DT60     PREC    SI
++ ++ ++ ++   +------------------------------------------+  +------------------------+  +------------------------+  +------------+

 0 18  8 76   5.3  128.3     11.13    61.39     7.17        7.0  132.9  11.39        8.6  147.4  -0.65     0.00   0.00
 1 18  8 76   3.0  191.4     11.74    67.35     9.91        4.3  165.5  11.76        6.0  156.2  -0.19     0.00   0.00
 2 18  8 76   4.3  272.1     10.97    61.47     9.71        6.1  204.9  11.39        7.2  187.3  -0.35     0.00   0.00
 3 18  8 76   2.7  157.2     11.00    55.26     7.90        4.1  148.5  11.72        5.9  140.7  -0.01     0.00   0.00
 4 18  8 76   2.0  276.8     11.17    59.80    10.18        1.7   74.2  10.05        3.7  128.6  -0.10     0.00   0.00
 5 18  8 76   3.6  190.2     11.27    59.09     6.17        4.1  170.1  11.24        5.3  143.3  -0.57     0.00   0.00
 6 18  8 76   3.8  298.5     11.74    47.85     7.10        3.7  313.2  11.57        2.2  308.3  -0.45     0.00   0.02
 7 18  8 76   2.3   71.2     12.37    27.36    15.88        2.7   98.6  13.01        3.8  113.5   0.33     0.00   0.24
 8 18  8 76   4.4   66.8     13.03    27.56    10.32        4.6   71.2  14.13        4.9   77.0   0.54     0.00   0.48
 9 18  8 76   4.5  123.7     16.31    23.22    21.01        5.0  144.3  16.15        5.1  165.5   0.72     0.00   0.80
10 18  8 76   9.6  180.9     18.39    20.41    19.97       10.9  193.6  17.57       11.3  204.0   1.09     0.00   1.09
11 18  8 76  10.6  179.1     13.90    19.30    12.47       12.9  187.7  17.76       13.9  198.5   1.17     0.00   1.27
12 18  8 76  13.0  203.5     20.53    15.26    14.35       17.2  197.3  19.10       18.8  210.3   1.31     0.00   1.44
13 18  8 76  11.9  223.4     21.62    17.58    18.80       14.0  216.8  20.38       16.0  220.3   1.41     0.00   1.44
14 18  8 76  11.8  231.2     22.63    17.20    16.70       14.7  228.9  21.28       16.7  230.3   1.37     0.00   1.40
15 18  8 76  12.3  200.0     22.95    17.05    17.13       15.5  190.5  21.93       18.1  220.1   1.15     0.00   1.23
16 18  8 76  13.9  201.0     22.98    17.00    14.92       16.2  208.8  22.00       18.4  213.9   1.13     0.00   1.00
17 18  8 76   9.7  203.6     21.78    17.34    15.46       10.7  214.2  21.32       13.1  225.5   0.77     0.00   0.50
18 18  8 76  10.1  251.1     21.27    17.72    10.95       13.2  199.1  21.01       14.2  205.5   0.48     0.00   0.30
19 18  8 76   7.8  200.0     19.88    18.78    14.07       10.6  206.5  19.86       13.9  218.1   0.16     0.00   0.10
20 18  8 76   3.4  251.2     18.36    19.86    10.22        5.4  224.2  18.38       11.1  216.0  -0.42     0.00   0.02
21 18  8 76   5.8  254.4     17.78    20.19    13.18        7.7  221.6  18.24       10.7  201.7  -1.26     0.00   0.01
22 18  8 76   5.1  222.2     17.20    20.48    12.84        7.9  214.3  17.31       10.2  193.8  -1.33     0.00   0.01
23 18  8 76   4.5  241.2     16.33    21.37     9.43        5.4  207.4  16.46        6.6  191.2  -0.52     0.00   0.01
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              [illegible] - METER LEVEL               [illegible] - METER LEVEL          [illegible] LEVEL
[illegible]
 0 10  8 76  4.6  285.3   14.16  21.42  12.76     7.8  259.6  16.71    11.0 [illegible]  1.11    0.00   0.01
 1 10  8 76  5.7  277.2   14.41  21.56  11.82     9.2  253.6  14.62    11.9  203.4  -0.47    0.00   0.00
 2 10  8 76  3.3  184.7   15.62  23.00  15.76     5.0  145.8  15.72     6.0  154.9  -0.24    0.00   0.01
 3 10  8 76  5.9  155.5   15.19  23.11  14.95     9.1  196.7  15.24    12.0  204.5  -0.94    0.00   0.01
 4 10  8 76  3.2   73.3   15.11  23.25  11.38     7.7  194.5  15.13     5.1  186.3  -0.30    0.00   0.01
 5 10  8 76  2.5  167.9   13.35  24.98  17.40     6.0  199.4  14.56     9.0  198.4  -1.22    0.00   0.01
 6 10  8 76  4.3  217.4   14.78  23.56  14.31     6.9  204.4  14.97     9.9  205.1  -0.42    0.00   0.01
 7 10  8 76  7.2  176.0   16.58  20.10  16.75    10.0  187.0  16.61    11.8  196.3   0.19    0.00   0.22
 8 10  8 76 13.4  197.2   18.41  19.94  12.37    16.5  194.4  17.94    16.4  204.6   0.76    0.00   0.51
 9 10  8 76 10.4  218.6   20.11  19.09  15.36    12.4  217.0  19.29    13.3  216.8   1.06    0.00   0.83
10 10  8 76  9.2  265.0   21.23  19.30  16.46    10.4  262.2  20.13    11.6  259.3   1.27    0.00   1.15
11 10  8 76 10.2  222.0   22.01  17.87  17.37    11.7  205.7  21.18    13.2  218.2   1.22    0.00   1.08
12 10  8 76 15.3  198.1   23.00  17.25  16.64    18.5  201.5  21.65    21.5  211.1   1.21    0.00   1.39
13 10  8 76 13.1  199.7   23.67  16.82  18.83    15.7  200.0  22.37    16.7  203.1   1.36    0.00   1.47
14 10  8 76 14.0  214.0   23.93  17.20  14.94    17.5  220.7  22.66    19.1  227.2   1.18    0.00   1.40
15 10  8 76  9.3  241.2   23.66  16.93  14.87    10.1  242.2  22.96    11.1  243.6   0.97    0.00   1.18
16 10  8 76  8.2  224.3   23.26  16.71  17.43     9.4  200.6  23.21    10.0  226.1   1.11    0.00   0.96
17 10  8 76  9.4  194.9   23.62  17.15  13.11    11.0  206.6  23.00    12.0  214.8   0.85    0.00   0.56
18 10  8 76  6.4  206.1   22.53  17.93  12.20     8.8  212.0  22.47    10.9  216.9   0.26    0.00   0.18
19 10  8 76  7.7  253.3   21.08  18.32   6.53     8.9  236.7  21.13    11.4  224.1  -0.78    0.00   0.05
20 10  8 76  4.4  240.5   19.53  19.52  14.71     6.6  226.5  19.64    11.2  216.0  -0.70    0.00   0.01
21 10  8 76  6.2  258.5   19.04  20.02  13.13     5.5  234.8  19.13    12.2  227.0  -0.56    0.00   0.01
22 10  8 76  6.6  261.4   18.43  20.12  11.27     7.6  236.2  18.53    13.0  223.5  -0.45    0.00   0.01
23 10  8 76  7.7  265.3   18.56  20.12  11.91     9.3  246.6  18.79    12.4  229.4  -0.46    0.00   0.01
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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                    10 - METER LEVEL                          30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR    WS10  WDR10    AT10     RH10     SG10        WS30  WDR30    AT30        WS60  WDR60    DT60       PREC      SI
++ ++ ++ ++   +-----------------------------------------+   +------------------------+   +-----------------------+   +-----------+

 0 20  8 76   7.1   267.2     17.97    20.18    10.11       7.8  250.6    18.51       11.9  232.4    -0.84      0.00      0.00
 1 20  8 76  10.6   260.4     18.40    20.12     7.45      10.6  250.4    18.34       14.0  235.7    -0.47      0.00      0.01
 2 20  8 76   8.0   250.0     18.01    20.32    14.14       8.9  231.1    17.93       15.2  229.4    -0.02      0.00      0.01
 3 20  8 76   7.0   250.7     17.59    20.56    13.34       7.6  233.1    17.51       13.4  229.4    -0.10      0.00      0.01
 4 20  8 76  10.6   268.4     17.14    20.82     5.53      11.7  261.0    17.33       13.6  256.3    -0.14      0.00      0.00
 5 20  8 76  12.0   257.7     16.34    21.17     6.21      16.6  258.4    16.72       19.6  260.3    -0.43      0.00      0.01
 6 20  8 76   7.7   247.2     16.05    21.38     7.89      11.0  256.8    16.46       14.1  261.7    -0.61      0.00      0.02
 7 20  8 76   4.4   147.0     16.47    20.86    12.26       4.6  161.8    16.40        4.3  195.8     0.30      0.00      0.20
 8 20  8 76   4.4   126.7     18.63    19.62    19.12       5.2  153.4    18.46        5.5  183.6     0.62      0.00      0.40
 9 20  8 76   5.6   273.1     20.03    19.05    20.35       6.8  260.3    19.53        7.3  264.5     0.84      0.00      0.31
10 20  8 76   8.9   244.2     21.31    18.79    15.94       9.9  242.0    20.42       10.8  248.0     1.11      0.00      1.08
11 20  8 76  10.4   253.5     22.28    18.28    12.14      11.3  249.4    21.42       12.3  253.3     0.93      0.00      1.17
12 20  8 76  10.4   307.7     22.41    18.24    17.78      11.6  299.1    21.62       12.9  300.7     0.84      0.00      1.16
13 20  8 76   6.5   330.6     23.00    15.17    21.30       7.2  327.0    22.32        7.9  320.2     0.95      0.00      0.85
14 20  8 76   6.2    34.4     22.80    15.52    17.26       6.9   31.9    22.45        6.9   28.9     0.73      0.00      0.45
15 20  8 76   7.0   193.3     22.37    15.53    13.21       9.0  138.7    21.36        9.1  193.1     0.84      0.00      0.52
16 20  8 76   4.5   164.7     23.06    14.58    17.04       5.3  167.3    22.75        5.3  177.0     0.65      0.00      0.55
17 20  8 76   9.4   153.1     22.47    15.44    13.84       9.4  153.8    22.07       10.0  151.8     0.83      0.00      0.39
18 20  8 76   9.7   169.5     22.18    15.23     3.26      10.9  170.6    21.96       10.6  169.0     0.52      0.00      0.30
19 20  8 76   3.9   149.2     21.56    15.73     6.65       4.9  149.0    21.45        5.9  149.4     0.23      0.00      0.09
20 20  8 76   7.2   248.0     19.67    17.26     7.95       8.3  229.8    19.88       11.7  213.7    -0.86      0.00      0.02
21 20  8 76   7.4   255.7     19.32    17.45    10.43       9.3  227.4    19.72       13.6  211.1    -1.45      0.00      0.00
22 20  8 76   8.5   267.5     18.91    17.61     9.70       8.5  230.0    19.15       15.1  223.9    -1.06      0.00      0.00
23 20  8 76   9.0   267.4     18.77    17.66     4.59       9.9  250.7    19.17       13.5  232.7    -0.87      0.00      0.00
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HR	DY	MO	YR	10 - METER LEVEL WSPD	WDRCT	ATMP	DWPT	SGTH	31 - METER LEVEL WSPD	WDRCT	ATMP	61 - METER LEVEL WSPD	WDRCT	DIFF	PREC	SI
0	21	8	76	12.5	256.5	19.33	17.39	5.67	12.1	254.4	19.74	12.8	242.1	-0.24	0.00	0.00
1	21	8	76	11.7	256.0	19.43	17.33	4.93	13.9	259.6	19.96	14.7	249.3	-0.50	0.00	0.00
2	21	8	76	11.8	251.5	19.59	17.26	4.90	13.5	250.6	20.11	14.9	248.0	-0.66	0.03	0.00
3	21	8	76	3.5	125.7	15.95	18.76	14.33	3.9	137.5	16.27	3.7	143.2	-1.54	0.00	0.00
4	21	8	76	2.2	48.2	16.70	18.37	24.94	2.3	49.5	16.32	2.4	74.6	-0.40	0.00	0.00
5	21	8	76	3.1	303.1	15.79	19.12	8.20	1.9	5.5	14.72	3.9	77.1	-0.76	0.00	0.00
6	21	8	76	1.5	246.6	16.37	18.39	7.97	1.1	288.9	15.11	1.7	197.2	-0.24	0.00	0.02
7	21	8	76	2.6	294.0	17.03	17.44	10.35	2.2	272.0	19.13	2.3	158.5	-0.02	0.00	0.21
8	21	8	76	3.6	77.6	19.52	16.40	9.87	3.9	75.6	19.74	4.1	80.9	0.50	0.00	0.49
9	21	8	76	6.0	93.3	21.08	15.61	12.50	6.7	95.3	20.63	6.7	96.8	0.77	0.00	0.80
10	21	8	76	6.4	63.4	22.68	15.28	17.16	6.7	62.8	22.24	7.3	65.0	0.65	0.00	1.07
11	21	8	76	4.2	55.1	23.56	14.37	22.02	4.7	35.2	23.52	4.8	31.0	0.64	0.00	1.18
12	21	8	76	7.7	32.0	22.95	15.68	9.21	8.3	36.8	22.48	8.4	37.7	0.67	0.00	0.75
13	21	8	76	5.9	190.8	24.77	13.64	22.09	6.4	194.1	24.35	6.7	197.0	0.20	0.00	1.28
14	21	8	76	8.3	191.9	21.55	17.75	9.83	10.5	186.8	21.23	11.0	189.6	-0.26	0.02	0.58
15	21	8	76	3.5	300.3	23.84	15.74	21.32	3.8	237.3	23.56	4.0	256.6	0.62	0.00	0.51
16	21	8	76	6.2	221.5	23.74	16.23	12.33	7.0	221.3	23.38	8.7	231.7	0.61	0.00	0.44
17	21	8	76	6.5	247.5	24.13	16.13	9.59	7.7	246.8	23.79	8.7	249.9	0.62	0.00	0.32
18	21	8	76	4.5	243.7	23.39	16.69	4.39	5.2	240.1	23.34	4.8	232.6	0.01	0.00	0.17
19	21	8	76	4.5	221.0	22.55	16.41	9.62	4.2	334.6	22.62	3.7	6.8	-0.32	0.00	0.07
20	21	8	76	4.4	277.7	21.80	17.38	5.66	4.3	298.3	21.32	3.2	320.2	-0.55	0.00	0.01
21	21	8	76	7.3	255.2	23.06	17.15	1.05	7.1	255.5	23.06	6.4	257.1	0.15	0.00	0.01
22	21	8	76	9.9	255.2	21.55	17.70	5.81	11.4	267.5	22.42	12.4	222.4	-1.18	0.00	0.01
23	21	8	76	9.3	274.1	21.12	17.91	4.53	10.5	290.6	21.93	11.2	312.2	-1.44	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SS10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	9	76	2.4	59.4	19.99	18.78	9.02	3.9	58.8	19.75	5.0	67.4	-0.34	0.00	0.01
1	22	9	76	3.0	250.1	21.10	18.45	3.03	3.7	251.7	20.63	3.3	254.4	-0.05	0.00	0.01
2	22	9	76	2.3	194.0	21.38	18.35	7.80	1.5	274.7	19.92	1.5	304.0	-0.20	0.00	0.01
3	22	9	76	1.3	226.9	19.55	19.37	15.70	2.0	42.0	17.21	3.3	38.7	-0.49	0.00	0.01
4	22	9	76	3.2	292.2	19.22	19.23	4.01	3.4	301.4	19.22	3.0	298.5	-0.67	0.00	0.01
5	22	9	76	2.5	97.1	19.03	19.90	4.41	2.5	74.6	17.92	1.6	157.1	-0.91	0.00	0.01
6	22	9	76	3.6	295.4	18.02	19.23	3.24	2.2	307.3	17.74	2.6	274.9	-0.69	0.00	0.02
7	22	9	76	2.1	154.5	17.65	17.41	13.38	2.1	164.2	18.29	2.3	295.7	0.08	0.00	0.19
8	22	9	76	3.0	54.1	20.43	16.22	19.20	3.1	66.1	21.24	3.7	88.9	0.49	0.00	0.47
9	22	9	76	6.4	122.0	22.55	16.26	11.92	6.5	125.0	22.23	6.2	125.9	0.58	0.00	0.78
10	22	9	76	6.3	81.5	24.30	15.79	14.52	7.1	83.2	23.84	7.7	95.4	0.72	0.00	1.02
11	22	9	76	9.5	165.2	25.92	15.25	14.45	11.1	168.0	25.05	10.8	166.4	1.08	0.00	1.01
12	22	9	76	7.9	336.5	23.25	16.39	23.06	8.5	333.4	23.48	9.1	343.4	0.75	0.00	0.38
13	22	9	76	10.1	3.0	23.63	15.94	13.92	10.9	2.8	23.20	11.4	1.7	0.53	0.00	0.40
14	22	9	76	5.4	349.0	22.55	16.37	26.52	6.2	13.1	22.60	6.6	16.9	-0.59	0.02	0.29
15	22	9	76	3.3	296.5	21.87	16.81	17.59	2.8	23.3	22.46	5.0	62.7	-1.90	0.07	0.30
16	22	9	76	4.0	62.7	20.32	17.09	19.44	5.8	68.4	20.59	8.5	64.9	-0.23	0.00	0.26
17	22	9	76	3.7	244.1	21.17	17.07	8.97	3.4	259.5	21.16	2.7	269.3	0.03	0.00	0.15
18	22	9	76	14.3	247.8	17.96	19.06	13.16	17.1	242.6	18.49	18.3	238.3	1.15	0.01	0.04
19	22	9	76	5.1	22.2	17.58	20.15	3.47	7.1	42.8	17.93	7.4	56.9	-0.61	0.01	0.01
20	22	9	76	2.2	30.8	15.87	20.36	18.19	4.2	50.5	17.12	6.1	60.6	-0.56	0.00	0.00
21	22	9	76	3.0	272.5	16.74	20.83	11.31	2.7	256.8	16.57	3.0	127.8	-0.56	0.00	0.00
22	22	9	76	2.7	163.1	16.57	20.43	17.83	4.2	173.3	16.66	6.7	173.7	-0.33	0.00	0.00
23	22	9	76	3.2	225.3	16.09	20.41	12.51	2.2	63.9	15.30	3.4	82.3	-0.59	0.00	0.00

[illegible]

HR	DY	MO	YR	[illegible] - WATER LEVEL					[illegible] - WATER LEVEL			[illegible] LEVEL			[illegible]	[illegible]
				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
0	23	8	76	7.1	[illegible]	15.62	22.05	3.41	1.6	[illegible]	14.71	9.1	277.4	-0.06	0.00	0.00
1	23	8	76	5.4	269.5	14.41	20.15	17.41	7.2	269.2	14.46	9.5	270.4	0.03	1.00	0.00
2	23	8	76	5.1	185.0	14.09	30.87	8.64	6.3	174.3	14.23	7.7	173.3	-0.25	0.00	0.00
3	23	8	76	4.1	183.3	14.50	27.28	10.50	3.4	236.8	14.77	4.3	197.2	-0.72	0.00	0.00
4	23	8	76	7.7	245.5	15.05	24.44	9.73	9.1	231.7	15.36	9.7	224.4	-0.32	0.00	0.00
5	23	8	76	6.6	234.6	13.33	38.56	6.01	8.0	243.8	14.08	9.0	235.0	-1.78	0.00	0.00
6	23	8	76	4.4	190.6	13.26	34.57	11.01	7.0	192.8	14.54	9.2	182.0	-0.22	0.00	0.01
7	23	8	76	1.0	80.7	15.28	34.20	17.16	1.5	172.7	16.58	4.7	212.6	-0.11	0.00	0.18
8	23	8	76	9.9	191.6	18.34	20.29	16.22	13.6	197.4	17.89	15.1	207.7	0.74	0.00	0.46
9	23	8	76	10.2	238.7	19.21	18.91	17.66	11.8	220.2	19.41	13.4	226.6	0.30	0.00	0.30
10	23	8	76	13.0	253.1	20.45	13.36	12.03	14.3	246.0	19.79	16.5	245.2	0.83	0.00	1.00
11	23	8	76	13.0	240.8	21.20	17.07	14.15	14.0	234.8	20.54	16.5	241.2	0.73	0.00	1.03
12	23	8	76	8.1	265.4	20.71	17.53	15.13	9.5	263.2	20.06	10.4	265.0	0.95	0.00	0.84
13	23	8	76	12.9	297.1	19.13	19.95	9.04	13.8	285.0	18.66	14.9	290.4	0.90	0.00	0.57
14	23	8	76	12.5	269.2	21.21	17.10	9.66	13.5	267.1	20.34	13.9	267.2	0.21	0.00	1.06
15	23	8	76	3.2	242.0	21.04	16.65	15.75	9.5	245.6	21.33	10.6	250.1	0.77	0.00	0.93
16	23	8	76	10.7	254.5	22.00	14.06	11.09	11.6	250.9	22.37	13.1	252.9	0.39	0.00	0.78
17	23	8	76	8.6	250.7	23.22	16.03	10.25	9.8	251.7	22.82	11.6	254.9	0.69	0.00	0.46
18	23	8	76	12.0	311.4	22.43	16.41	8.52	13.2	308.1	22.15	14.6	314.7	0.57	0.00	0.29
19	23	8	76	7.4	326.9	19.76	17.21	4.99	9.5	325.1	20.03	10.9	331.2	-0.26	0.00	0.07
20	23	8	76	9.4	305.0	18.55	19.47	4.46	11.0	317.0	19.66	13.2	330.8	-1.14	0.00	0.01
21	23	8	76	10.4	303.0	17.77	18.72	4.20	12.4	319.0	19.20	13.2	334.3	-1.56	0.00	0.01
22	23	8	76	5.9	346.5	16.53	19.24	30.78	9.4	9.0	17.35	9.8	16.3	-0.92	0.00	0.00
23	23	8	76	2.3	[illegible]	16.10	20.10	25.50	3.0	36.3	15.53	4.2	38.0	0.16	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	24	8	76	8.1	8.7	14.15	20.42	18.72	10.1	14.6	14.40	12.4	17.7	-0.28	0.00	0.01
1	24	8	76	6.9	314.7	12.40	21.57	13.66	9.7	344.7	12.96	12.4	13.7	-1.46	0.00	0.01
2	24	8	76	4.7	313.9	13.40	21.06	10.42	4.5	345.6	13.31	6.3	27.6	-0.30	0.00	0.00
3	24	8	76	5.8	306.0	12.47	21.29	5.26	5.9	331.2	12.89	6.4	7.1	-0.31	0.00	0.00
4	24	8	76	3.9	314.8	12.74	21.25	11.54	3.7	350.2	12.62	5.8	33.7	-0.30	0.00	0.00
5	24	8	76	4.4	290.2	12.74	21.40	3.73	3.4	311.8	12.37	3.2	20.0	0.01	0.00	0.00
6	24	8	76	4.0	296.9	12.58	21.23	2.91	2.1	321.9	12.39	2.5	52.9	-0.27	0.00	0.02
7	24	8	76	1.8	179.9	13.76	19.45	9.74	1.7	176.7	14.22	1.9	154.6	0.37	0.00	0.20
8	24	8	76	5.7	64.2	15.06	19.11	11.47	6.1	67.1	14.99	6.4	65.5	0.62	0.00	0.49
9	24	8	76	6.2	77.7	15.95	13.51	16.70	6.7	81.6	15.54	7.7	81.6	0.70	0.00	0.80
10	24	8	76	5.9	67.1	17.20	19.46	20.19	6.5	55.8	16.63	6.3	61.8	0.64	0.00	1.06
11	24	8	76	5.6	47.3	18.51	17.04	18.29	5.9	52.9	18.05	5.7	45.7	0.69	0.00	1.25
12	24	8	76	6.0	66.1	20.19	16.29	20.11	6.6	67.0	19.57	7.7	69.8	0.80	0.00	1.36
13	24	8	76	7.0	66.6	21.48	17.27	16.15	7.6	68.0	20.73	8.9	67.4	0.95	0.00	1.38
14	24	8	76	7.6	359.4	23.08	16.11	27.62	8.1	6.5	22.12	8.1	8.4	1.29	0.00	1.31
15	24	8	76	12.3	304.3	23.50	16.04	12.82	13.5	304.5	22.50	14.4	306.6	1.17	0.00	1.17
16	24	8	76	9.1	311.9	23.31	15.95	16.07	10.3	303.5	22.74	11.3	306.4	0.37	0.00	0.95
17	24	8	76	6.0	330.0	23.13	15.67	19.71	6.9	329.7	22.76	7.2	329.4	0.71	0.00	0.65
18	24	8	76	5.2	8.9	22.69	15.89	17.53	5.2	8.4	22.57	5.3	8.7	0.55	0.00	0.34
19	24	8	76	5.0	314.6	20.41	17.53	13.72	5.7	354.0	20.65	7.7	22.0	-0.78	0.00	0.08
20	24	8	76	5.0	305.8	19.40	18.17	8.65	5.3	336.6	19.67	6.9	18.0	-0.84	0.00	0.01
21	24	8	76	3.3	306.8	19.24	18.52	11.01	3.0	354.3	18.93	5.1	35.3	-0.41	0.00	0.01
22	24	8	76	4.6	279.3	19.07	18.69	2.26	2.9	285.0	18.49	1.3	109.9	-0.25	0.00	0.00
23	24	8	76	2.6	207.7	19.30	19.35	5.31	2.7	189.9	17.34	3.7	170.3	0.04	0.00	0.00

[illegible]

HR	DY	MO	YR	10 - METER LEVEL WSPD	 WDRCT	 ATMP	 DWPT	 SGTH	30 - METER LEVEL WSPD	 WDRCT	 ATMP	60 - METER LEVEL WSPD	 WDRCT	 DT60	PREC	SI
0	25	9	76	3.6	236.7	19.93	18.66	7.21	2.0	167.1	18.73	2.5	221.5	-3.27	0.00	0.00
1	25	9	76	3.2	282.7	19.10	17.42	7.81	2.9	222.4	19.22	2.4	197.7	-3.47	0.00	0.00
2	25	9	76	2.9	236.1	18.63	18.75	6.15	2.4	197.7	18.34	2.7	171.6	-3.43	0.00	0.00
3	25	9	76	4.9	233.4	18.57	18.72	3.03	4.0	212.7	19.35	4.4	194.1	-3.39	0.00	0.00
4	25	9	76	5.5	231.7	18.27	18.68	4.36	5.5	217.2	19.54	5.3	194.5	-3.40	0.00	0.00
5	25	9	76	3.3	74.6	15.41	19.81	16.92	2.5	59.0	15.63	1.9	173.1	-2.37	0.00	0.00
6	25	9	76	2.4	242.3	15.35	20.39	9.33	1.9	261.4	14.74	2.0	244.7	-0.62	0.00	0.02
7	25	9	76	3.4	33.2	16.03	13.15	6.29	3.4	35.4	16.72	2.5	171.1	-1.22	0.00	0.20
8	25	9	76	4.6	33.6	18.97	17.57	13.12	4.7	30.5	19.51	4.4	133.8	0.42	0.00	0.48
9	25	9	76	6.1	70.3	20.20	16.69	11.81	6.0	78.1	20.32	6.3	83.2	0.61	0.00	0.79
10	25	9	76	6.6	80.2	22.26	16.36	11.69	6.8	77.8	21.69	7.6	73.5	0.73	0.00	1.06
11	25	9	76	8.7	263.6	23.88	15.90	13.59	9.4	267.8	23.06	10.0	272.0	0.96	0.00	1.27
12	25	9	76	10.7	290.3	24.71	15.59	16.24	11.7	286.4	23.66	12.5	285.6	1.09	0.00	1.41
13	25	9	76	10.0	244.3	24.27	15.64	10.61	11.3	260.7	23.51	11.5	257.9	0.82	0.00	1.11
14	25	9	76	10.7	210.7	24.08	15.30	14.07	12.3	214.6	23.22	13.4	225.8	1.11	0.00	1.00
15	25	9	76	14.2	262.8	24.28	15.77	11.87	14.4	264.9	23.78	17.5	265.8	0.97	0.00	0.77
16	25	9	76	7.4	230.7	23.49	16.35	8.26	9.3	235.6	22.97	8.8	286.8	0.74	0.00	0.40
17	25	9	76	5.6	236.5	24.59	15.02	17.52	6.1	250.9	24.32	6.4	253.5	0.68	0.00	0.58
18	25	9	76	6.0	263.8	24.04	15.38	9.09	9.4	259.1	23.99	10.7	259.5	0.48	0.00	0.30
19	25	9	76	5.6	252.5	22.04	16.27	15.02	7.3	227.7	22.12	12.9	216.1	-0.79	0.00	0.07
20	25	9	76	5.0	257.8	20.43	17.92	13.95	9.5	216.3	20.20	14.3	208.0	-1.61	0.00	0.01
21	25	9	76	5.0	254.2	19.96	19.10	17.61	6.9	221.6	20.26	13.4	213.1	-1.21	0.00	0.00
22	25	9	76	4.9	249.9	20.60	17.86	14.43	7.9	220.5	20.65	15.6	226.1	-0.33	0.00	0.00
23	25	9	76	5.5	227.0	20.42	17.96	18.75	9.1	224.2	20.67	16.6	223.4	-0.55	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	26	9	76	5.7	244.4	20.47	17.98	16.03	7.8	224.9	20.56	15.8	227.6	-0.33	0.00	0.00
1	26	9	76	5.7	244.0	20.08	18.04	17.93	7.7	223.2	20.24	15.4	219.7	-0.44	0.00	0.00
2	26	9	76	6.5	240.8	20.03	18.07	18.80	9.6	226.7	20.12	15.4	222.3	-0.29	0.00	0.00
3	26	9	76	7.2	235.3	19.61	18.16	16.71	9.3	226.4	19.72	16.4	229.9	-0.20	0.00	0.00
4	26	9	76	6.4	219.0	18.64	18.59	20.26	8.5	220.5	18.70	16.3	226.6	-0.31	0.00	0.00
5	26	9	76	8.7	239.0	18.74	18.56	17.67	10.7	223.3	18.76	18.0	227.0	-0.05	0.00	0.00
6	26	9	76	12.0	259.6	17.79	18.80	6.28	15.0	260.4	18.40	17.0	266.9	-0.60	0.00	0.01
7	26	9	76	7.2	251.2	19.23	18.14	19.86	9.1	249.2	19.09	11.9	243.5	0.39	0.00	0.19
8	26	9	76	11.6	214.0	21.52	17.22	15.97	14.0	214.8	20.95	17.5	228.7	0.95	0.00	0.48
9	26	9	76	12.7	201.2	22.79	16.56	16.00	14.5	201.1	22.02	15.1	217.0	0.90	0.00	0.82
10	26	9	76	14.9	194.7	23.72	16.24	14.25	19.0	198.4	22.44	20.0	206.7	1.09	0.00	1.09
11	26	9	76	13.7	223.0	23.79	15.06	16.54	16.0	223.5	22.86	19.1	225.4	1.00	0.00	1.13
12	26	9	76	17.9	265.6	19.25	18.34	11.14	20.1	262.1	18.59	22.4	265.5	0.86	0.00	0.46
13	26	9	76	14.7	198.8	22.23	16.60	12.09	17.7	199.3	21.07	17.8	199.7	1.05	0.00	0.90
14	26	9	76	20.3	197.0	24.25	15.89	13.92	24.9	199.3	22.37	27.9	210.3	0.74	0.00	1.25
15	26	9	76	14.4	220.2	25.41	15.29	16.24	17.6	213.6	24.42	20.6	221.4	1.18	0.00	1.17
16	26	9	76	15.2	212.3	25.39	15.43	17.26	18.2	218.6	24.60	22.4	229.9	0.91	0.00	0.84
17	26	9	76	8.7	271.9	23.75	16.51	17.90	10.4	227.4	23.45	14.2	231.6	2.57	0.00	0.27
18	26	9	76	24.5	289.8	14.61	45.02	8.47	30.0	289.2	13.34	34.4	292.6	-1.53	0.12	0.05
19	26	9	76	5.3	270.2	12.24	58.39	3.86	8.0	291.6	12.65	11.0	307.3	-1.00	0.04	0.01
20	26	9	76	5.4	195.4	11.06	74.12	13.80	6.6	174.1	10.94	7.6	159.8	0.28	0.00	0.00
21	26	9	76	3.9	257.5	11.33	72.45	3.81	3.7	238.5	11.22	3.6	211.6	0.25	0.00	0.00
22	26	9	76	5.5	251.9	11.79	62.67	4.72	4.4	241.6	11.36	3.0	209.6	0.02	0.00	0.00
23	26	9	76	2.6	317.2	10.71	68.16	22.47	3.3	44.0	10.77	5.4	57.2	-0.33	0.00	0.00

[illegible]

HR	DY	MO	YR	[illegible] - METER LEVEL					[illegible] - METER LEVEL			[illegible] - METER LEVEL				
				WSPD	WDIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	27	8	76	1.2	172.7	11.45	62.70	6.61	2.4	294.2	10.76	2.1	[illegible]	0.10	[illegible]	0.00
1	27	8	76	3.2	304.5	11.87	73.66	9.32	1.9	47.2	9.71	3.5	62.2	0.06	0.00	0.00
2	27	8	76	3.1	315.9	10.02	73.56	13.31	3.0	7.7	9.72	3.7	44.2	-0.17	0.00	0.01
3	27	8	76	4.1	312.6	9.88	71.17	6.08	4.2	339.4	9.75	4.4	16.3	-0.07	0.00	0.01
4	27	8	76	3.3	304.9	9.60	69.41	11.14	3.3	343.9	9.45	4.9	28.7	-0.24	0.00	0.00
5	27	8	76	4.5	289.4	9.26	67.21	4.52	3.5	322.6	9.11	3.7	22.6	-0.27	0.00	0.00
6	27	8	76	2.4	109.1	9.06	55.24	3.82	3.0	325.6	8.95	2.6	16.5	-0.18	0.00	0.02
7	27	8	76	3.3	342.4	9.40	61.10	27.27	3.5	334.7	9.52	3.1	353.6	0.33	0.00	0.16
8	27	8	76	2.7	81.9	9.63	49.75	20.26	3.1	83.8	10.66	2.9	93.3	0.57	0.00	0.45
9	27	8	76	3.4	24.9	10.79	23.67	22.06	3.8	82.9	10.33	4.2	76.9	0.64	0.00	0.76
10	27	8	76	5.1	87.0	12.27	20.72	18.97	5.1	92.7	11.96	6.0	95.0	0.78	0.00	1.05
11	27	8	76	4.9	62.5	13.70	19.34	18.14	5.0	76.2	13.42	5.3	91.9	0.53	0.00	1.25
12	27	8	76	5.9	162.4	15.74	19.22	19.46	6.4	169.5	15.07	6.9	172.4	0.26	0.00	1.36
13	27	8	76	5.8	192.3	17.51	17.90	20.90	6.7	200.3	16.87	6.8	202.0	0.83	0.00	1.37
14	27	8	76	7.6	313.2	19.08	16.67	12.10	7.7	304.2	19.22	8.0	300.6	0.98	0.00	1.31
15	27	8	76	6.2	309.6	19.59	16.22	23.25	6.8	297.7	19.17	7.1	303.2	0.82	0.00	1.15
16	27	8	76	4.5	330.0	20.18	16.29	26.10	5.0	349.3	19.92	4.3	346.9	0.31	0.00	0.91
17	27	8	76	9.2	334.0	20.09	16.76	19.19	9.7	329.1	19.65	9.1	331.7	0.33	0.00	0.62
18	27	8	76	7.6	14.8	19.24	17.27	14.62	8.4	22.2	19.06	8.9	22.2	0.52	0.00	0.31
19	27	8	76	3.4	349.2	16.24	18.66	28.12	5.7	24.0	17.12	8.2	32.1	-0.45	0.00	0.07
20	27	8	76	1.5	251.2	16.62	19.60	3.71	1.8	220.6	15.47	2.3	67.6	-0.21	0.00	0.01
21	27	8	76	4.2	222.6	16.50	19.26	5.33	3.2	214.2	16.28	3.1	190.8	-0.15	0.00	0.01
22	27	8	76	4.0	288.2	16.19	19.66	3.42	3.4	297.4	14.34	1.9	337.9	-0.22	0.00	0.01
23	27	8	76	2.9	257.8	16.22	19.52	6.59	1.9	285.7	15.33	1.7	222.2	-0.29	0.00	0.01

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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                     10 - METER LEVEL                      30 - METER LEVEL              60 - METER LEVEL
HR DY MO YR   WS10  WDR10    AT10     RH10     SR10       WS30  WDR30    AT30        WS60  WDR60    DT60      PREC     SI
++ ++ ++ ++  +------------------------------------------+  +-------------------+    +-------------------+   +-----------+

 0 28  8 76   3.2  297.9     15.60    19.78     2.02       1.6  324.4    13.73       1.5   57.3   -0.34      0.00     0.01
 1 28  8 76   3.4  303.2     15.09    19.79     2.85       3.0  318.6    14.72       2.0   18.7   -0.30      0.00     0.01
 2 28  8 76   2.5  292.6     14.33    20.40    10.06       1.6  330.5    12.87       3.4   51.6   -0.12      0.00     0.01
 3 28  8 76   2.4  231.7     13.49    20.77     5.22       2.7  317.9    13.12       1.6   46.7   -0.68      0.00     0.01
 4 28  8 76   3.2  297.6     12.31    20.62     4.16       2.2  304.6    12.55       2.8   36.5   -0.71      0.00     0.01
 5 28  8 76   3.2  292.5     12.26    20.97     3.84       2.1  322.0    10.95       3.2   17.8   -0.30      0.00     0.01
 6 28  8 76   3.8  250.2     12.88    20.59     5.35       3.1  255.6    12.04       2.2  245.0   -0.21      0.00     0.01
 7 28  8 76   2.6  320.7     14.06    19.30    12.24       2.6  321.3    14.11       2.3  345.0    0.41      0.00     0.19
 8 28  8 76   4.0   22.6     15.31    18.77    12.98       3.6   41.6    15.73       3.4   44.9    0.43      0.00     0.48
 9 28  8 76   4.3   51.1     16.67    17.85    17.38       4.9   57.3    16.67       5.3   61.3    0.51      0.00     0.79
10 28  8 76   5.0   76.2     18.30    17.33    14.10       6.0   31.3    17.95       6.6   72.1    0.62      0.00     1.06
11 28  8 76   6.0   23.3     20.13    16.60    26.50       6.2   35.7    19.61       6.5   36.2    0.81      0.00     1.26
12 28  8 76   6.9   77.1     21.21    15.67    16.65       7.2   73.4    20.57       7.3   63.0    0.83      0.00     1.37
13 28  8 76   9.1  103.6     22.30    14.58    13.62       8.8  102.5    21.59       9.1  103.6    0.85      0.00     1.39
14 28  8 76   6.0    4.6     23.00    15.43   999.00       6.5    2.7    22.44       7.1    0.7    0.87      0.00     1.31
15 28  8 76   7.7   10.2     23.18    15.60   999.00       8.3   11.0    22.49       8.6    5.5    0.84      0.00     1.15
16 28  8 76   7.5   14.5     23.72    15.30   999.00       8.3   19.8    23.13       8.4   21.7    0.86      0.00     0.91
17 28  8 76   8.1  353.4     23.62    15.71   999.00       9.0  353.6    23.13       9.2  354.0    0.79      0.00     0.62
18 28  8 76   6.2  337.4     22.89    15.91   999.00       6.9  335.2    22.71       7.1  338.4    0.54      0.00     0.31
19 28  8 76   6.2  [illegible] 20.01  17.54     6.01       6.7  325.1    20.53       7.3    0.5   -1.20      0.00     0.07
20 28  8 76   6.0  324.7     20.06    17.74     6.44       6.2  325.5    20.40       6.9   13.8   -1.28      0.00     0.01
21 28  8 76   2.1  260.1     20.40    18.06     0.00       1.5  322.5    19.18       3.4   61.4   -0.48      0.00     0.01
22 28  8 76   2.4  270.5     19.88    18.30     6.42       1.8  290.6    18.36       2.4   81.0   -0.47      0.00     0.00
23 28  8 76   3.7  [illegible] 19.22  18.38     6.04       4.1  154.7    19.30       4.8  167.0   -0.31      0.00     0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR DY MO YR	10 - METER LEVEL WSPD	WDIR	TEMP	DWPT	SIGA	30 - METER LEVEL WSPD	WDIR	TEMP	60 - METER LEVEL WSPD	WDIR	DELT	PREC	SR
0 22 9 76	5.1	[illegible]	10.77	18.00	4.63	4.8	287.2	10.70	4.7	195.1	-0.17	0.00	0.00
1 22 9 76	5.0	[illegible]	10.72	17.90	4.07	4.2	293.3	10.65	4.1	187.4	-0.01	0.00	0.00
2 22 9 76	4.5	237.1	10.54	18.02	7.02	3.9	204.0	10.73	4.1	179.0	-0.14	0.00	0.00
3 22 9 76	3.3	227.4	10.10	18.43	4.86	2.0	203.6	10.20	1.7	164.3	-0.10	0.00	0.00
4 22 9 76	1.6	161.4	17.87	19.29	12.64	1.0	199.2	14.43	1.0	138.2	-0.84	0.00	0.00
5 22 9 76	1.9	344.4	16.90	19.54	19.92	2.7	356.8	16.22	2.2	12.7	-0.72	0.00	0.00
6 22 9 76	3.3	269.9	15.21	19.64	6.00	3.2	286.8	15.32	1.9	292.5	-0.41	0.00	0.01
7 22 9 76	3.4	91.4	14.79	17.94	3.70	2.7	73.6	17.33	2.0	27.5	-1.17	0.00	0.12
8 22 9 76	2.6	73.2	13.32	17.41	15.77	2.7	80.8	19.00	2.8	105.3	0.36	0.00	0.47
9 22 9 76	6.1	77.0	20.44	16.47	10.46	6.4	86.3	20.77	6.6	91.8	0.59	0.00	0.72
10 22 9 76	8.3	260.3	22.65	16.19	12.45	8.7	255.7	21.29	9.2	254.6	0.80	0.00	1.05
11 22 9 76	9.8	252.9	23.74	15.57	14.79	11.0	244.0	22.33	11.6	246.9	0.26	0.00	1.24
12 22 9 76	7.0	325.1	24.07	15.58	20.90	7.8	326.0	23.30	7.4	313.7	0.67	0.00	1.22
13 22 9 76	7.0	348.2	25.09	15.06	24.91	8.4	318.9	24.14	9.1	318.2	1.05	0.00	1.26
14 22 9 76	12.5	284.7	25.49	14.73	11.99	13.5	280.1	24.42	14.5	283.6	1.10	0.00	1.33
15 22 9 76	16.3	267.4	23.65	16.15	9.23	18.9	266.4	23.12	20.3	267.5	0.65	0.00	0.62
16 22 9 76	13.6	283.1	24.53	15.41	10.48	15.3	280.7	23.81	15.9	283.3	0.31	0.00	0.70
17 22 9 76	13.5	297.1	24.55	15.44	9.85	14.4	293.4	24.00	15.0	297.6	0.70	0.00	0.62
18 22 9 76	3.4	291.1	24.00	15.23	8.37	9.8	291.4	24.06	10.7	296.3	0.51	0.00	0.30
19 22 9 76	9.6	297.5	21.29	17.03	3.63	11.3	299.0	22.35	13.0	303.8	-1.49	0.00	0.07
20 22 9 76	9.1	276.5	21.13	17.26	3.70	10.6	293.3	22.14	11.4	304.0	-1.09	0.00	0.01
21 22 9 76	11.6	244.5	20.38	17.46	5.19	13.4	240.0	20.86	14.5	238.6	-0.77	0.00	0.01
22 22 9 76	11.4	249.4	20.28	17.21	3.59	12.9	253.7	22.18	12.3	263.8	-1.13	0.00	0.00
23 22 9 76	4.3	220.2	17.20	18.95	4.94	2.8	257.3	17.49	2.9	192.4	-1.42	0.00	0.00

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                          RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                   10 - METER LEVEL                      30 - METER LEVEL           60 - METER LEVEL
HR DY MO YR   WS10  WDR10   AT10    RH10    SG10      WS30  WDR30   AT30      WS60  WDR60   DT60      PREC    SI
++ ++ ++ ++   +-----------------------------------+   +------------------+    +-------------------+   +-----------+

 0 30  8 76   5.9  127.8   19.10   18.28    9.48       6.0  122.6  19.39      6.3  122.0  -0.41      0.00    0.00
 1 30  8 76   9.1  223.6   18.09   19.40    7.37      11.8  230.9  18.81     13.4  234.4  -0.97      0.00    0.00
 2 30  8 76  12.8  240.5   18.61   19.13    4.77      14.9  245.1  19.00     15.9  241.4  -0.42      0.00    0.01
 3 30  8 76  12.2  247.4   18.33   18.21    5.16      16.3  253.4  18.74     17.0  260.9  -1.65      0.00    0.00
 4 30  8 76  13.2  252.7   17.98   18.38    5.13      17.7  250.9  18.30     13.3  257.6  -1.37      0.00    0.01
 5 30  8 76  14.2  257.6   17.47   19.59    6.36      18.3  253.9  17.94     21.8  257.9  -0.81      0.00    0.01
 6 30  8 76  14.0  255.2   17.06   18.72    6.16      17.5  252.9  17.50     20.0  249.5  -0.49      0.00    0.01
 7 30  8 76   3.9   97.2   17.34   18.14   10.50       3.9   81.2  18.18      4.6   90.2  -0.09      0.00    0.18
 8 30  8 76   4.7   74.5   17.74   17.93    5.84       4.4   75.2  18.03      3.7   73.1  -0.61      0.00    0.27
 9 30  8 76   5.3   75.5   19.41   17.19   11.95       5.2   71.4  19.32      4.9   83.6   0.32      0.00    0.55
10 30  8 76   7.3  246.7   22.43   16.22   17.76       8.6  249.2  21.77      8.9  245.7   0.89      0.00    1.00
11 30  8 76   9.9  344.9   23.12   16.15   23.03      11.1  344.3  22.30     11.8  343.7   0.24      0.00    1.12
12 30  8 76  12.9  349.6   24.22   15.77   31.05      14.9  345.1  23.10     15.6  345.2   1.22      0.00    1.36
13 30  8 76  14.2  326.6   24.27   15.51   15.63      15.5  319.6  23.32     16.2  326.7   0.87      0.00    1.23
14 30  8 76  13.0  316.1   24.25   15.51   19.06      15.0  313.8  23.45     16.5  315.2   0.86      0.00    0.94
15 30  8 76  11.5   19.5   23.45   15.87   11.15      12.8   22.6  22.82     13.4   20.3   0.89      0.00    0.67
16 30  8 76  13.0  304.1   23.12   16.02    7.71      14.5  303.7  22.57     15.3  302.6   0.70      0.00    0.54
17 30  8 76  11.3  265.3   22.94   16.44    9.76      13.6  265.7  21.79     15.0  272.7   0.49      0.00    0.24
18 30  8 76   6.9  292.7   21.72   16.51   13.69       7.8  292.1  21.61      8.3  287.7   0.32      0.00    0.12
19 30  8 76   7.9  277.4   21.16   16.89    4.42       8.8  285.2  21.49      9.3  295.8  -0.23      0.00    0.02
20 30  8 76  18.1  336.3   20.36   17.13   20.68      20.9  335.1  20.27     22.9  339.8   0.25      0.00    0.01
21 30  8 76  14.8  332.2   18.67   17.95   10.22      17.1  335.7  18.55     18.0  340.5   0.32      0.00    0.00
22 30  8 76   7.1  122.4   16.40   19.79   10.11       9.6  120.8  16.32     11.1  121.7   0.22      0.00    0.00
23 30  8 76   4.4  142.5   15.41   19.58    8.12       5.7  154.3  15.43      7.4  149.4  -0.07      0.00    0.00
```

[illegible] OIL SHALE PROJECT [illegible] METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WSPD	WDIR	ATMP	[illegible]	SIGT	WSPD	WDIR	ATMP	WSPD	WDIR	DTMP	PREC	SI
0	31	8	76	1.8	[illegible]	15.06	20.14	7.34	1.9	169.3	14.21	3.4	165.9	-0.11	0.00	0.01
1	31	8	76	2.2	157.4	15.19	20.10	11.52	1.5	163.3	14.12	2.4	192.4	-0.10	0.00	0.01
2	31	8	76	5.6	[illegible]	15.23	19.51	5.07	4.9	255.0	15.35	4.0	232.9	-0.25	0.00	0.01
3	31	8	76	4.2	327.4	14.36	19.70	14.15	4.2	356.9	14.40	6.0	29.9	-0.56	0.00	0.01
4	31	8	76	6.3	[illegible]	13.35	19.97	7.20	6.6	321.3	13.98	7.4	351.5	-0.46	0.00	0.01
5	31	8	76	4.7	[illegible]	13.34	20.22	5.24	4.3	312.1	13.14	4.4	349.5	0.03	0.00	0.01
6	31	8	76	3.2	324.5	12.49	20.54	22.20	3.7	359.1	12.31	5.0	15.0	0.09	0.00	0.01
7	31	8	76	3.2	2.6	13.12	19.33	30.18	3.2	2.8	13.11	3.9	355.7	0.65	0.00	0.17
8	31	8	76	4.9	49.4	14.25	19.06	14.42	5.3	56.3	14.26	5.9	51.0	0.37	0.00	0.46
9	31	8	76	7.3	35.1	15.65	18.65	12.21	7.8	43.5	15.24	9.1	42.2	0.75	0.00	0.76
10	31	8	76	9.3	57.1	17.10	18.20	10.57	9.6	59.0	16.33	10.6	59.1	0.25	0.00	1.02
11	31	8	76	12.2	22.9	18.20	17.83	15.40	14.1	34.0	17.30	13.9	33.6	0.27	0.00	1.23
12	31	8	76	11.9	48.7	19.40	17.28	11.46	13.6	52.4	18.51	15.0	52.8	1.21	0.00	1.29
13	31	8	76	11.5	15.6	20.04	16.92	23.50	12.2	15.6	19.04	12.8	21.9	1.13	0.00	1.37
14	31	8	76	9.9	20.3	20.36	16.61	28.51	9.9	33.5	19.48	10.4	34.1	1.00	0.00	1.13
15	31	8	76	11.7	24.7	20.39	16.45	21.01	13.1	33.5	19.83	13.6	28.2	0.88	0.00	0.89
16	31	8	76	13.7	13.5	20.39	16.60	15.97	15.4	18.1	20.19	15.5	15.2	0.93	0.00	0.67
17	31	8	76	18.8	10.7	22.65	16.01	13.23	20.0	11.7	20.16	21.0	10.0	0.67	0.00	0.55
18	31	8	76	15.7	18.1	20.03	17.14	8.77	19.5	24.3	19.31	19.6	24.2	0.47	0.00	0.28
19	31	8	76	13.6	20.0	19.55	17.84	6.60	15.0	22.7	18.50	16.6	27.4	0.19	0.00	0.05
20	31	8	76	9.8	347.7	16.63	18.63	26.76	11.0	3.7	17.22	13.9	12.8	-0.73	0.00	0.01
21	31	8	76	9.6	16.2	15.67	19.11	12.90	11.7	30.5	16.25	15.2	38.2	-0.94	0.00	0.01
22	31	8	76	4.4	12.5	14.99	19.44	22.11	6.6	28.3	15.19	9.5	43.4	-0.45	0.00	0.01
23	31	8	76	3.5	335.3	14.37	19.91	27.13	4.1	18.8	14.23	6.0	49.4	-0.17	0.00	0.01

B.1.2

METEOROLOGICAL DATA LISTING FOR SITE 2
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10   AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0   1   6 76     12.1  216.4   15.57     0.00

 1   1   6 76     12.5  213.4   15.77     0.00

 2   1   6 76     13.0  217.3   15.71     0.00

 3   1   6 76     13.3  217.5   14.93     0.00

 4   1   6 76     13.2  219.4   14.41     0.00

 5   1   6 76     13.6  227.7   14.17     0.00

 6   1   6 76      3.7   75.7   12.01     0.00

 7   1   6 76      3.5   95.5   14.39     0.00

 8   1   6 76      3.4   97.6   17.01     0.00

 9   1   6 76     11.5  235.7   18.04     0.00

10   1   6 76     13.7  232.2   18.7      0.00

11   1   6 76     15.6  215.4   18.99     0.00

12   1   6 76     15.1  234.6   19.4      0.00

13   1   6 76     17.1  225.4   19.31     0.00

14   1   6 76     14.5  246.1   20.04     0.00

15   1   6 76     13.5  231.2   20.74     0.00

16   1   6 76     11.4  219.3   20.32     0.00

17   1   6 76     13.6  216.4   21.04     0.00

18   1   6 76     10.9  235.0   20.94     0.00

19   1   6 76     11.5  236.1   19.74     0.00

20   1   6 76     12.1  225.5   19.35     0.00

21   1   6 76     11.3  215.2   18.51     0.00

22   1   6 76     11.1  215.1   16.17     0.00

23   1   6 76      5.5  252.6   15.97     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR   WS10  WD10    AT10     PREC
** ** ** **   +-------------------------------+

 0  2  6 76    [illegible]  224.9   17.57     0.00

 1  2  6 76   12.4  226.2   17.91     0.00

 2  2  6 76   11.9  212.5   16.61     0.00

 3  2  6 76   11.1  211.7   16.29     0.00

 4  2  6 76   12.1  214.1   16.69     0.00

 5  2  6 76   10.4  209.1   15.91     0.00

 6  2  6 76    1.2  237.5   14.74     0.00

 7  2  6 76    9.1  193.8   17.43     0.00

 8  2  6 76    9.5  191.3   18.96     0.00

 9  2  6 76    9.6  216.4   19.97     0.00

10  2  6 76   11.5  216.6   20.39     0.00

11  2  6 76   15.7  224.2   21.15     0.00

12  2  6 76   18.2  234.1   21.25     0.00

13  2  6 76   20.9  245.4   21.59     0.00

14  2  6 76   17.3  241.0   21.54     0.00

15  2  6 76   11.4  265.0   21.84     0.00

16  2  6 76   15.1  241.3   21.67     0.00

17  2  6 76   10.6  224.9   20.83     0.00

18  2  6 76   10.4  210.3   21.43     0.00

19  2  6 76    8.4  198.6   19.52     0.00

20  2  6 76   11.6  214.[illegible]   19.16     0.00

21  2  6 76   15.7  229.6   20.16     0.00

22  2  6 76   13.3  245.8   16.80     0.00

23  2  6 76   10.9  237.8   15.79     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10    AT10     PREC
++  ++  ++  ++     +-------------------------------+

 0   3   6  76       5.2  138.5    15.15     0.00

 1   3   6  76       1.6   32.3    14.13     0.00

 2   3   6  76       7.6  138.2    16.13     0.00

 3   3   6  76      10.6  134.6    15.25     0.00

 4   3   6  76       4.0  168.5    14.44     0.00

 5   3   6  76       2.5    2.4    14.06     0.00

 6   3   6  76       1.3  104.4    15.17     0.00

 7   3   6  76       4.1  107.1    16.28     0.00

 8   3   6  76      13.5  190.7    17.95     0.00

 9   3   6  76      11.5  192.6    19.57     0.00

10   3   6  76      11.9  220.5    20.28     0.00

11   3   6  76      19.9  227.9    20.12     0.00

12   3   6  76      21.8  213.9    20.34     0.00

13   3   6  76      14.1  203.7    20.63     0.00

14   3   6  76      15.4  227.0    21.07     0.00

15   3   6  76      12.8  189.3    21.00     0.00

16   3   6  76      10.9  242.2    20.65     0.00

17   3   6  76      11.8  233.7    20.86     0.00

18   3   6  76      11.1  220.4    21.19     0.00

19   3   6  76      10.7  228.6    20.05     0.00

20   3   6  76      12.4  237.9    19.37     0.00

21   3   6  76      13.1  235.5    18.29     0.00

22   3   6  76      12.2  251.2    15.51     0.00

23   3   6  76      13.6  235.0    17.37     0.00
```

```
[illegible] OIL [illegible] PROJECT   [illegible]  TWO

              METEOROLOGICAL DATA
[illegible] [illegible] [illegible] YR    [illegible]   [illegible]   AT1.   PREC
++ ++ ++ ++   +------------------------------+

 0  4  6 76   12.3   220.8   17.50    0.00

 1  4  6 76   11.7   251.1   15.65    0.00

 2  4  6 76   10.9   212.3   15.90    0.00

 3  4  6 76   11.[illegible]  211.6   15.42    0.00

 4  4  6 76   13.7   212.3   15.50    0.00

 5  4  6 76   12.1   212.5   15.41    0.00

 6  4  6 76    9.7   212.2   15.49    0.00

 7  4  6 76    8.3   213.3   17.07    0.00

 8  4  6 76   12.5   192.8   17.62    0.00

 9  4  6 76   11.6   213.5   17.14    0.00

10  4  6 76   15.8   217.1   15.75    0.00

11  4  6 76   15.9   191.0   19.62    0.00

12  4  6 76   18.5   235.7   20.16    0.00

13  4  6 76   20.4   245.1   20.14    0.00

14  4  6 76   16.[illegible]  214.7   21.33    0.00

15  4  6 76   13.1   22[illegible].1   21.33    0.00

16  4  6 76   14.5   245.9   21.22    0.00

17  4  6 76   12.5   230.4   20.21    0.00

18  4  6 76   11.3   240.0   21.03    0.00

19  4  6 76   10.1   225.6   19.73    0.00

20  4  6 76   11.7   244.6   18.78    0.00

21  4  6 76    7.6   252.1   17.53    0.00

22  4  6 76   10.[illegible]  251.7   16.72    0.00

23  4  6 76    6.[illegible]  2[illegible]4.1   16.[illegible]    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0  5  6 76      6.1  267.7   15.51     0.00

 1  5  6 76      5.2  267.5   14.26     0.00

 2  5  6 76      9.4  205.3   16.71     0.00

 3  5  6 76     11.7  217.7   16.15     0.00

 4  5  6 76     10.3  221.0   16.24     0.00

 5  5  6 76      3.0  101.7   14.60     0.00

 6  5  6 76      2.4  144.0   14.91     0.00

 7  5  6 76      3.0   85.1   15.01     0.00

 8  5  6 76      3.6   91.0   16.62     0.00

 9  5  6 76      3.5   65.9   19.30     0.00

10  5  6 76     12.1  173.1   20.42     0.00

11  5  6 76     10.9  173.0   21.40     0.00

12  5  6 76      9.5  233.8   21.32     0.00

13  5  6 76     10.3  219.2   21.75     0.00

14  5  6 76     14.3  224.2   21.85     0.00

15  5  6 76     13.6  227.0   22.00     0.00

16  5  6 76     13.1  227.2   22.25     0.00

17  5  6 76     12.1  210.5   22.10     0.00

18  5  6 76      8.9  219.9   21.92     0.00

19  5  6 76      8.0  226.7   21.15     0.00

20  5  6 76      7.4  223.5   20.32     0.00

21  5  6 76      7.5  245.4   19.45     0.00

22  5  6 76      8.4  235.8   19.97     0.00

23  5  6 76     11.1  235.3   20.45     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR   WS10  WDR10   AT10     PREC
++ ++ ++ ++   +------------------------------+

 0  6  6 76    5.5  252.6   17.89    0.00

 1  6  6 76    1.2  264.2   16.09    0.00

 2  6  6 76    3.2  111.8   15.46    0.00

 3  6  6 76    2.5  304.7   14.81    0.00

 4  6  6 76    4.3  201.0   14.71    0.00

 5  6  6 76    4.2   91.3   14.56    0.00

 6  6  6 76    6.5  117.4   15.54    0.00

 7  6  6 76    6.3  134.6   16.41    0.00

 8  6  6 76   17.3  195.5   18.43    0.00

 9  6  6 76   17.7  175.3   18.53    0.00

10  6  6 76   17.6  190.0   18.60    0.00

11  6  6 76   13.6  170.7   20.07    0.00

12  6  6 76   14.[illegible]  244.2   20.16    0.00

13  6  6 76   10.2  230.7   19.94    0.00

14  6  6 76   11.[illegible]  217.[illegible]   21.46    0.00

15  6  6 76   15.1  259.6   21.01    0.00

16  6  6 76   11.3  227.4   20.56    0.00

17  6  6 76   11.5  199.2   20.26    0.00

18  6  6 76   13.7  162.1   18.77    0.00

19  6  6 76   13.4  152.4   18.09    0.00

20  6  6 76    9.9  164.4   16.47    0.00

21  6  6 76   11.7  173.5   15.58    0.00

22  6  6 76    9.1  119.3   14.67    0.00

23  6  6 76    6.7  169.4   14.93    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0  7  6 76       5.0  114.6   13.71     0.00

 1  7  6 76       3.5  100.6   12.96     0.00

 2  7  6 76       0.9  352.0   11.32     0.00

 3  7  6 76       1.6   88.1   12.65     0.00

 4  7  6 76       2.6   93.5   13.13     0.00

 5  7  6 76       2.3   10.0   11.75     0.00

 6  7  6 76       1.1  293.2   11.05     0.00

 7  7  6 76  [illegible]  356.7   14.72     0.00

 8  7  6 76       2.3   95.3   15.17     0.00

 9  7  6 76       1.0   64.5   17.44     0.00

10  7  6 76       1.4  355.3   19.97     0.00

11  7  6 76       5.7  193.5   20.90     0.00

12  7  6 76       9.4  237.3   21.17     0.00

13  7  6 76      16.5  216.2   21.35     0.00

14  7  6 76      10.0  214.1   20.53     0.00

15  7  6 76      10.4  237.4   21.24     0.00

16  7  6 76      10.5  220.0   21.17     0.00

17  7  6 76       9.0  241.7   21.14     0.00

18  7  6 76      17.3  263.8   20.07     0.00

19  7  6 76       8.1  224.4   20.02     0.00

20  7  6 76      12.2  231.2   18.36     0.00

21  7  6 76      11.3  215.3   18.04     0.00

22  7  6 76      10.5  206.1   17.51     0.00

23  7  6 76       2.7  250.7   17.17     0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WD10	AT10	PREC
0	8	6	76	3.9	234.4	15.39	0.00
1	8	6	76	2.5	214.9	16.15	0.00
2	8	6	76	2.7	232.9	15.84	0.00
3	8	6	76	4.8	117.7	14.37	0.00
4	8	6	76	3.1	100.5	14.47	0.00
5	8	6	76	3.2	97.4	14.01	0.00
6	8	6	76	2.2	118.7	15.05	0.00
7	8	6	76	14.6	207.7	17.90	0.00
8	8	6	76	17.[illegible]	224.3	18.62	0.00
9	8	6	76	14.[illegible]	214.7	19.61	0.00
10	8	6	76	15.6	214.6	19.61	0.00
11	8	6	76	11.5	219.2	20.81	0.00
12	8	6	76	13.5	225.5	21.07	0.00
13	8	6	76	999.0	235.5	21.35	0.00
14	8	6	76	999.0	225.4	21.24	0.00
15	8	6	76	999.0	204.1	21.09	0.00
16	8	6	76	999.0	173.2	21.35	0.00
17	8	6	76	999.0	217.2	21.77	0.00
18	8	6	76	999.0	163.7	19.17	0.00
19	8	6	76	999.0	191.8	18.46	0.00
20	8	6	76	999.0	191.9	17.69	0.00
21	8	6	76	999.0	186.1	17.51	0.00
22	8	6	76	999.0	258.6	16.69	0.00
23	8	6	76	999.0	264.7	16.92	0.00

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  9  6 76     999.0  142.6   15.45     0.00

 1  9  6 76     999.0  279.0   14.29     0.00

 2  9  6 76     999.0  255.6   13.93     0.00

 3  9  6 76     999.0  258.3   13.62     0.00

 4  9  6 76     999.0  233.1   15.55     0.00

 5  9  6 76     999.0  223.1   15.70     0.00

 6  9  6 76     999.0  227.9   15.63     0.00

 7  9  6 76     999.0  232.3   16.89     0.00

 8  9  6 76     999.0  214.8   18.40     0.00

 9  9  6 76     999.0  205.7   19.37     0.00

10  9  6 76     999.0  210.6   19.24     0.00

11  9  6 76     999.0  227.6   19.80     0.00

12  9  6 76     999.0  211.4   20.49     0.00

13  9  6 76     999.0  207.7   21.19     0.00

14  9  6 76     999.0  207.3   21.49     0.00

15  9  6 76      15.6  208.5   21.93     0.00

16  9  6 76       9.7  184.1   22.35     0.00

17  9  6 76       8.2  211.6   22.59     0.00

18  9  6 76       7.5  233.3   21.70     0.00

19  9  6 76       5.6  230.2   20.68     0.00

20  9  6 76       7.1  233.1   20.19     0.00

21  9  6 76       7.4  228.5   20.05     0.00

22  9  6 76       5.1  237.8   18.37     0.00

23  9  6 76       1.3  257.1   16.92     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

        METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   ATIC    PREC
** ** ** **   +-----------------------------+

 0 10  6 76     2.7  255.5  16.75    0.00

 1 10  6 76     3.1  256.3  16.82    0.00

 2 10  6 76     6.7  241.6  17.55    0.00

 3 10  6 76     3.3  197.6  16.53    0.00

 4 10  6 76     9.2  193.3  15.65    0.00

 5 10  6 76     9.2  211.3  15.38    0.00

 6 10  6 76     8.4  226.5  15.91    0.00

 7 10  6 76    11.6  169.4  16.32    0.00

 8 10  6 76     9.4  166.5  17.00    0.00

 9 10  6 76     5.3  163.6  18.04    0.00

10 10  6 76     5.7  142.7  19.37    0.00

11 10  6 76     3.1  182.1  19.51    0.00

12 10  6 76    18.1  189.1  20.84    0.00

13 10  6 76    24.5  197.6  21.14    0.00

14 10  6 76    25.2  193.9  21.94    0.00

15 10  6 76    24.2  199.1  21.99    0.00

16 10  6 76    26.3  174.1  21.99    0.00

17 10  6 76    24.5  176.5  21.64    0.00

18 10  6 76    16.5  172.1  21.57    0.00

19 10  6 76    24.3  243.7  20.65    0.00

20 10  6 76    18.9  201.3  19.24    0.00

21 10  6 76    21.1  239.9  18.77    0.00

22 10  6 76    19.1  213.5  17.85    0.00

23 10  6 76    13.1  211.7  16.12    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +------------------------------+

    11   6  76     15.9  199.7   15.30     0.00

 1  11   6  76     10.6  223.3   13.71     0.00

 2  11   6  76      9.2  237.1   12.15     0.00

 3  11   6  76     11.5  221.3   12.14     0.00

 4  11   6  76     13.2  193.5   11.05     0.00

 5  11   6  76     12.6  229.0    9.34     0.00

 6  11   6  76     11.9  225.1    9.81     0.00

 7  11   6  76     14.9  227.9    9.69     0.00

 8  11   6  76     15.1  222.1   10.05     0.00

 9  11   6  76     17.[illegible]  208.9   10.22     0.00

10  11   6  76     21.5  219.0   10.59     0.00

11  11   6  76     16.7  219.0   11.14     0.00

12  11   6  76     13.2  231.3   11.11     0.00

13  11   6  76     10.0  221.1   11.60     0.01

14  11   6  76     22.1  219.6   12.56     0.00

15  11   6  76     16.9  223.3   12.13     0.00

16  11   6  76     17.2  230.4   12.76     0.00

17  11   6  76     14.1  254.2   12.65      .00

18  11   6  76     13.7  220.0   11.03     0.00

19  11   6  76      9.1  271.7    7.55     0.01

20  11   6  76      4.5  254.9    5.01     0.03

21  11   6  76     18.5  298.6    4.62     0.02

22  11   6  76      3.2  270.9    4.15     0.02

23  11   6  76      7.4  231.2    4.96     0.00
```

```
  RIO BLANCO OIL SHALE PROJECT   TRIP  TWO

           METEOROLOGICAL DATA
HR DY MO YR    WS10   WD10     AT1      PREC
-+ ++ ++ ++   +-----------------------------+

 0 12  6 76     8.6  172.0    4.56      0.00

 1 12  6 76    15.4  258.2    4.31      0.00

 2 12  6 76     5.2  245.2    4.17      0.00

 3 12  6 76     5.4  252.0    4.29      0.00

 4 12  6 76     9.1  256.4    4.45      0.00

 5 12  6 76    12.8  254.2    4.52      0.00

 6 12  6 76    13.1  254.6    4.94      0.00

 7 12  6 76    16.3  258.7    6.25      0.00

 8 12  6 76    21.3  272.1    6.94      0.00

 9 12  6 76    15.7  271.2    7.82      0.00

10 12  6 76    10.4  246.5    9.37      0.00

11 12  6 76    20.1  265.4   10.65      0.00

12 12  6 76    15.3  260.2   11.33      0.00

13 12  6 76     9.6  216.3   11.96      0.00

14 12  6 76    13.2  247.5   12.62      0.00

15 12  6 76    12.3  235.4   13.43      0.00

16 12  6 76    15.1  218.4   13.36      0.00

17 12  6 76    11.5  233.8   13.35      0.00

18 12  6 76    11.6  239.5   13.47      0.00

19 12  6 76     9.1  231.4   12.90      0.00

20 12  6 76    14.0  231.5   12.02      0.00

21 12  6 76     4.2  294.6   11.41      0.00

22 12  6 76     4.1  191.8   10.23      0.00

23 12  6 76     4.7  234.0   10.77      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +------------------------------+

 0 13  6 76     5.2  262.9   10.51    0.00

 1 13  6 76     6.1  252.3   10.30    0.00

 2 13  6 76     4.2  243.9    9.07    0.00

 3 13  6 76    10.8  230.5   10.79    0.00

 4 13  6 76    13.9  223.5   11.07    0.00

 5 13  6 76    14.2  260.0    9.50    0.00

 6 13  6 76     5.0  341.6    9.13    0.00

 7 13  6 76     4.2  123.1   10.27    0.00

 8 13  6 76     6.4  141.2   11.91    0.00

 9 13  6 76    14.4  216.5   14.70    0.00

10 13  6 76    22.1  227.0   15.37    0.00

11 13  6 76    26.4  215.5   15.64    0.00

12 13  6 76    27.3  229.5   15.82    0.00

13 13  6 76    29.5  228.6   15.65    0.00

14 13  6 76    23.4  234.0   15.97    0.00

15 13  6 76    17.7  274.8   14.56    0.00

16 13  6 76    14.4  289.9   14.14    0.00

17 13  6 76    16.2  305.0   10.60    0.00

18 13  6 76    13.9  299.6    7.55    0.00

19 13  6 76    15.0   23.5    1.76    0.02

20 13  6 76    10.5   36.2   -2.64    0.00

21 13  6 76     7.1   50.5   -3.28    0.00

22 13  6 76     5.1   77.5   -3.47    0.01

23 13  6 76     5.2  121.5   -3.43    0.05
```

```
[illegible] OIL SHALE PROJECT [illegible] TWO

          METEOROLOGICAL DATA
HR DY MO YR     [illegible] [illegible]   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 14  6 76      7.9  119.[illegible]    -3.72    [illegible]
 1 14  6 76      7.9  17[illegible].[illegible]    -3.[illegible]    0.0[illegible]
 2 14  6 76      8.7  1[illegible].[illegible]    -3.[illegible]    0.[illegible]7
 3 14  6 76      [illegible].4  1[illegible].7    -4.[illegible]4    0.[illegible]
 4 14  6 76     11.4  2[illegible].[illegible]    -3.7[illegible]    0.[illegible]1
 5 14  6 76      [illegible].2  1[illegible]1.3    -3.[illegible]    0.[illegible]2
 6 14  6 76      9.[illegible]  2[illegible]2.2    -3.54    0.[illegible]1
 7 14  6 76     10.2  2[illegible]1.[illegible]    -1.[illegible]    0.[illegible]
 8 14  6 76     11.[illegible]  235.6    -1.01    0.[illegible]2
 9 14  6 76     11.6  25[illegible].[illegible]    -[illegible].1[illegible]    0.07
10 14  6 76     12.2  2[illegible].[illegible]     [illegible].94    [illegible]7
11 14  6 76     11.5  24[illegible].[illegible]     [illegible].[illegible]1    0.1[illegible]
12 14  6 76     12.1  2[illegible]1.6     4.[illegible]    0.[illegible]
13 14  6 76     14.[illegible]  3[illegible]2.4     5.97    0.[illegible]
14 14  6 76     16.7  292.1     6.75    0.0[illegible]
15 14  6 76     11.3  2[illegible].3     7.64    0.[illegible]
16 14  6 76     15.4  2[illegible]5.2     8.5[illegible]    [illegible]
17 14  6 76     12.4  [illegible].[illegible]     9.06    0.0[illegible]
18 14  6 76      [illegible].3  3[illegible].[illegible]     [illegible].54    0.00
19 14  6 76      9.1   23.9     8.21    0.00
20 14  6 76      [illegible].6   31.9     6.12    0.00
21 14  6 76      4.1  311.[illegible]     4.69    0.00
22 14  6 76      3.3  267.9     3.95    0.00
23 14  6 76      [illegible].7  265.9     3.73    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 15  6 76      4.2  277.4     3.25     0.00

 1 15  6 76      4.3  278.1     3.03     0.00

 2 15  6 76      4.2  261.5     3.15     0.00

 3 15  6 76      2.7  247.6     3.5[illegible]     0.00

 4 15  6 76      3.4  261.6     3.11     0.00

 5 15  6 76      2.[illegible]  262.1     3.2[illegible]     0.00

 6 15  6 76      2.[illegible]  261.6     3.44     0.00

 7 15  6 76      4.5  130.5     5.43     0.00

 8 15  6 76      4.[illegible]  1[illegible]5.4     7.[illegible]     0.00

 9 15  6 76      4.4  351.[illegible]     8.1[illegible]     0.00

10 15  6 76      5.4   90.7     9.[illegible]     0.00

11 15  6 76      4.4  172.[illegible]    10.6[illegible]     0.00

12 15  6 76      7.[illegible]  270.1    11.73     0.00

13 15  6 76      5.[illegible]  242.3    12.9[illegible]     0.00

14 15  6 76      9.6  273.6    14.[illegible]     0.00

15 15  6 76      9.7  247.4    15.[illegible]     0.00

16 15  6 76      9.6  251.[illegible]    15.6[illegible]     0.00

17 15  6 76      9.   244.[illegible]    16.71     0.00

18 15  6 76     11.1  249.5    15.7[illegible]     0.00

19 15  6 76     10.[illegible]  2[illegible]4.2    14.90     0.00

20 15  6 76     13.[illegible]  215.9    13.1[illegible]     0.00

21 15  6 76     13.9  214.[illegible]    12.6[illegible]     0.00

22 15  6 76     12.7  212.9    11.[illegible]     0.00

23 15  6 76     14.[illegible]  215.5    12.17     0.00
```

```
[illegible]

          METEOROLOGICAL DATA
HR DY MO YR   [illegible]  [illegible]   AT1.     [illegible]
++ ++ ++ ++   +--------------------------------+

 0 16  6 76   14.[illegible]  [illegible]   12.5[illegible]   [illegible]

 1 16  6 76   15.[illegible]  [illegible]4.5   12.2[illegible]   [illegible]

 2 16  6 76   16.[illegible]  21[illegible]   12.[illegible]   [illegible]

 3 16  6 76   13.[illegible]  21[illegible]   12.47   [illegible]

 4 16  6 76   12.5  134.1   11.6[illegible]   [illegible]

 5 16  6 76   16.[illegible]  [illegible]2.5   12.[illegible]   [illegible]

 6 16  6 76   17.1  [illegible]7.[illegible]   12.4[illegible]   [illegible]

 7 16  6 76   15.3  [illegible]1.[illegible]   12.73   [illegible]

 8 16  6 76   15.2  1[illegible]5.1   14.[illegible]   [illegible]

 9 16  6 76   20.5  2[illegible]1.[illegible]   15.4[illegible]   [illegible]

10 16  6 76   22.1  217.[illegible]   15.23   [illegible]

11 16  6 76   22.[illegible]  2[illegible]1.7   15.5[illegible]   [illegible]

12 16  6 76   20.[illegible]  217.7   16.[illegible]   [illegible]

13 16  6 76   16.1  23[illegible]   17.49   0.00

14 16  6 76   18.7  1[illegible]2.6   17.23   [illegible]

15 16  6 76   22.2  [illegible]5.7   15.[illegible]   0.00

16 16  6 76   16.[illegible]  [illegible]   14.[illegible]   [illegible]

17 16  6 76   11.7   [illegible]3.4   14.[illegible]   [illegible]

18 16  6 76    7.[illegible]   [illegible]2.[illegible]   12.67  999.[illegible]

19 16  6 76    7.[illegible]   [illegible]   11.52   0.[illegible]

20 16  6 76    [illegible].6  14[illegible].2   1[illegible].92   0.0[illegible]

21 16  6 76    4.5   27.4    9.36   0.0[illegible]

22 16  6 76    [illegible].4  344.3    5.58   0.0[illegible]

23 16  6 76   13.[illegible]  [illegible]7.5    [illegible].73   0.05
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR  DY  MO  YR    WS10  WDR10    AT10     PREC
++  ++  ++  ++   +--------------------------------+

    17   6  76    10.8  271.0    5.13     0.03

 1  17   6  76    12.0  224.5    6.34     0.01

 2  17   6  76     3.1   71.5    5.96     0.05

 3  17   6  76     5.7   22.9    4.47     0.00

 4  17   6  76     3.5  292.8    4.00     0.00

 5  17   6  76     1.3  277.7    4.54     0.00

 6  17   6  76     3.3  292.2    5.91     0.00

 7  17   6  76     5.4  301.6    7.17     0.00

 8  17   6  76     2.9  325.1    7.75     0.00

 9  17   6  76     5.1  116.0    8.09     0.00

10  17   6  76     5.2  162.9    7.48     0.05

11  17   6  76     4.3  224.4    7.13     0.00

12  17   6  76     4.9  125.7    8.54     0.02

13  17   6  76    11.5  149.9    9.90     0.00

14  17   6  76    17.6  224.4    8.31     0.00

15  17   6  76     4.4  235.9    6.57     0.04

16  17   6  76     5.3  103.2    8.69     0.00

17  17   6  76     5.4  106.1    9.14     0.00

18  17   6  76     5.0  133.2    9.34     0.00

19  17   6  76     5.4  184.5    6.50     0.03

20  17   6  76     6.5  307.2    7.05     0.00

21  17   6  76     4.3  293.2    5.43     0.00

22  17   6  76     5.1   15.2    5.05     0.00

23  17      76     3.1  135.9    4.55     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  T10

            METEOROLOGICAL DATA
HR DY MO YR     WSPD  WDIR     AT        PREC
** ** ** **    +-------------------------------+

 0 18  6 76     4.1  1[illegible].3     4.46     0.[illegible]

 1 18  6 76     4.2  21[illegible]     4.61     0.[illegible]

 2 18  6 76     2.7  18[illegible]     4.57     0.[illegible]

 3 18  6 76     2.7  31[illegible].5     3.9[illegible]     0.[illegible]

 4 18  6 76     9.2  232.[illegible]     5.51     0.[illegible]

 5 18  6 76     9.9  245.[illegible]     6.86     0.[illegible]

 6 18  6 76     8.[illegible]  27[illegible].[illegible]     7.1[illegible]     0.[illegible]

 7 18  6 76     2.2  1[illegible].[illegible]     8.44     0.[illegible]

 8 18  6 76     8.3  2[illegible].7     9.77     0.[illegible]

 9 18  6 76    16.6  [illegible].[illegible]    10.1[illegible]     0.[illegible]

10 18  6 76    17.1  [illegible].[illegible]    10.[illegible]5     0.[illegible]

11 18  6 76    1[illegible].1  3[illegible].[illegible]    11.44     0.[illegible]

12 18  6 76    13.[illegible]  237.6    12.[illegible]     0.[illegible]

13 18  6 76    16.[illegible]  2[illegible].6    13.24     0.[illegible]

14 18  6 76    15.1  2[illegible].1    14.[illegible]     0.[illegible]

15 18  6 76    11.[illegible]  276.6    15.[illegible]     0.[illegible]

16 18  6 76    1[illegible].3  332.[illegible]    15.37     0.[illegible]

17 18  6 76    10.5  [illegible].1    15.44     0.00

18 18  6 76     9.7   16.9    15.13     0.00

19 18  6 76     9.5   44.3    13.00     0.00

20 18  6 76     7.4   14.2    11.47     0.00

21 18  6 76     4.8   15.2    10.14     0.00

22 18  6 76     4.7   21.3     9.33     0.00

23 18  6 76     3.2   29.5     7.95     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  T[illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10     T10     PRCP
++ ++ ++ ++   +-----------------------------+

   19  6 76     4.3  261.7     7.93    0.00

 1 19  6 76     4.0  274.4     7.51    0.00

 2 19  6 76     3.4  243.0     7.35    0.00

 3 19  6 76     3.9  261.9     7.01    0.00

 4 19  6 76     2.5  151.6     7.21    0.00

 5 19  6 76     3.[illegible]  142.[illegible]     7.99    0.00

 6 19  6 76     2.5  215.6     9.42    0.00

 7 19  6 76     2.2  222.2    12.70    0.00

 8 19  6 76     5.7  117.3    13.07     .00

 9 19  6 76     3.3   14.1    14.[illegible]    0.00

10 19  6 76     [illegible].3  234.7    1[illegible].[illegible]    0.00

11 19  6 76    11.4  257.2    17.[illegible]    0.00

12 19  6 76     [illegible].5  245.3    16.4     0.00

13 19  6 76     [illegible].5  243.3    19.4[illegible]    0.00

14 19  6 76    1[illegible].5  273.5    2[illegible].4[illegible]    0.00

15 19  6 76    12.2  271.3    21.54    0.00

16 19  6 76    1[illegible].5  263.6    22.37     .00

17 19  6 76    11.6  302.0    22.11    0.00

18 19  6 76     9.9  299.[illegible]    22.34     .00

19 19  6 76     3.5  305.1    23.5[illegible]    0.00

20 19  6 76     1.7  212.7    16.11    0.00

21 19  6 76     5.4  255.[illegible]    15.51    0.00

22 19  6 76     5.6  [illegible]74.[illegible]    17.1[illegible]     .00

23 19  6 76    11.   219.1    14.0[illegible]    0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10   PREC
** ** ** **   +------------------------------+

 0 20  6 76    12.2  217.2   19.20   0.00

 1 20  6 76     5.0  110.1   16.02   0.00

 2 20  6 76     3.6   77.4   16.01   0.00

 3 20  6 76     3.4  245.1   17.18   0.00

 4 20  6 76     1.7   37.4   15.17   0.00

 5 20  6 76    12.2  215.5   18.71   0.00

 6 20  6 76    12.5  214.1   18.60   0.00

 7 20  6 76    16.2  199.2   20.35   0.00

 8 20  6 76    13.1  197.5   21.09   0.00

 9 20  6 76    11.9  222.2   22.76   0.00

10 20  6 76    16.0  225.0   23.92   0.00

11 20  6 76    21.1  210.7   24.03   0.00

12 20  6 76    19.7  224.6   24.39   0.00

13 20  6 76    22.0  224.1   24.75   0.00

14 20  6 76    21.2  221.1   24.79   0.00

15 20  6 76    18.4  219.0   25.17   0.00

16 20  6 76    22.1  221.2   25.38   0.00

17 20  6 76    23.3  224.5   25.41   0.00

18 20  6 76    16.5  237.1   24.26   0.00

19 20  6 76    17.1  224.2   23.92   0.00

20 20  6 76    14.0  219.3   22.51   0.00

21 20  6 76    12.7  197.5   20.38   0.00

22 20  6 76    14.1  200.0   20.24   0.00

23 20  6 76    14.1  212.9   21.46   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0  21   6  76     15.6  222.8   20.54     0.00

 1  21   6  76     15.1  227.4   19.29     0.00

 2  21   6  76     16.   227.2   18.53     0.00

 3  21   6  76     16.0  231.1   18.11     0.00

 4  21   6  76     14.5  230.4   17.59     0.00

 5  21   6  76      9.4  264.1   15.65     0.00

 6  21   6  76     10.0  227.8   17.75     0.00

 7  21   6  76     10.1  215.8   19.49     0.00

 8  21   6  76     10.7  232.2   20.56     0.00

 9  21   6  76    999.0  999.0  999.00     0.00

10  21   6  76    999.0  999.0  999.00     0.00

11  21   6  76    999.0  999.0  999.00     0.00

12  21   6  76    999.0  999.0  999.00     0.00

13  21   6  76    999.0  999.0  999.00     0.00

14  21   6  76    999.0  999.0  999.00     0.00

15  21   6  76    999.0  999.0  999.00     0.00

16  21   6  76    999.0  999.0  999.00     0.00

17  21   6  76     14.5  227.3   25.16     0.00

18  21   6  76     14.3  215.1   24.59     0.00

19  21   6  76     13.6  220.9   23.16     0.00

20  21   6  76     10.6  207.4   21.16     0.00

21  21   6  76     10.6  195.5   19.61     0.00

22  21   6  76     14.6  204.3   19.16     0.00

23  21   6  76     14.3  226.1   18.41     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-----------------------------+

 0 22  6 76    14.1  22[illegible].[illegible]   11.[illegible]3    [illegible].[illegible]

 1 22  6 76    [illegible].1  211.1   17.[illegible]4    [illegible].[illegible]

 2 22  6 76    14.5  [illegible].   17.03    [illegible].[illegible]

 3 22  6 76    13.[illegible]  217.7   17.47    0.00

 4 22  6 76    16.[illegible]  265.4   13.74    0.00

 5 22  6 76    23.1  [illegible].[illegible]    9.35    0.07

 6 22  6 76     9.0  2[illegible].1    9.[illegible]4    [illegible].[illegible]

 7 22  6 76     7.[illegible]  132.7   11.47    [illegible].[illegible]

 8 22  6 76    [illegible].   [illegible].   11.42    0.0[illegible]

 9 22  6 76     7.0   43.5   11.22    [illegible].[illegible]

10 22  6 76    10.[illegible]   [illegible]1.3   12.[illegible]    [illegible].[illegible]

11 22  6 76    10.5  1[illegible]7.0   13.31    0.[illegible]

12 22  6 76   999.[illegible]  99[illegible].[illegible]  999.[illegible]    [illegible].[illegible]

13 22  6 76   999.[illegible]  999.[illegible]  999.[illegible]    0.[illegible]

14 22  6 76   999.[illegible]  999.0  999.[illegible]    0.[illegible]

15 22  6 76   999.[illegible]  999.0  999.[illegible]    [illegible].[illegible]

16 22  6 76   999.   999.[illegible]  999.00    0.[illegible]

17 22  6 76   999.[illegible]  999.[illegible]  999.0[illegible]    [illegible].[illegible]

18 22  6 76    31.[illegible]  234.[illegible]   1[illegible].77    0.[illegible]

19 22  6 76    14.6  [illegible].1    8.19    0.[illegible]

20 22  6 76     6.[illegible]  352.5    8.12    0.00

21 22  6 76    12.[illegible]   22.1    6.34    0.[illegible]

22 22  6 76     4.4   [illegible].[illegible]    5.96    0.00

23 22  6 76    [illegible].1  17[illegible].    4.13    [illegible].[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0  23   6  76     3.1   285.9     5.55      0.00

 1  23   6  76     2.6   290.0     5.22      0.00

 2  23   6  76     3.7   272.5     5.11      0.00

 3  23   6  76     5.6   259.8     5.97      0.00

 4  23   6  76     4.9   269.6     6.39      0.00

 5  23   6  76     4.1   257.0     6.64      0.00

 6  23   6  76     5.4   [illegible]     7.[illegible]      0.00

 7  23   6  76     4.2   357.4     7.54      0.00

 8  23   6  76     5.2   331.9     8.36      0.00

 9  23   6  76     9.2   305.1     9.39      0.00

10  23   6  76     9.2   272.3    10.1[illegible]      0.00

11  23   6  76   999.0   999.0   999.00      0.00

12  23   6  76   999.0   999.0   999.00      0.00

13  23   6  76    13.2   242.5    1[illegible]      0.00

14  23   6  76    14.2   25[illegible]    13.[illegible]      0.[illegible]

15  23   6  76    17.2   259.8    14.15      0.00

16  23   6  76    21.1   254.[illegible]    14.[illegible]      0.00

17  23   6  76    21.7   258.9    15.3[illegible]      0.00

18  23   6  76    15.1    17.5    12.79      0.00

19  23   6  76    13.7   352.0    11.24      0.00

20  23   6  76     6.4     [illegible]     9.5[illegible]      0.00

21  23   6  76     5.2   222.7     8.45      0.00

22  23   6  76     3.1   306.4     9.39      0.00

23  23   6  76     3.9   314.1     9.[illegible]      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 24  6 76     5.8  288.8    6.66     0.00

 1 24  6 76     4.0  303.3    5.93     0.00

 2 24  6 76     4.6  264.1    5.29     0.00

 3 24  6 76     4.3  263.9    5.20     0.00

 4 24  6 76     3.7  275.4    4.75     0.00

 5 24  6 76     4.4  248.7    5.21     0.00

 6 24  6 76     3.9  267.4    5.95     0.00

 7 24  6 76     2.4    1.8    5.99     0.00

 8 24  6 76     8.7  290.2    8.94     0.00

 9 24  6 76     9.0  250.1    9.47     0.00

10 24  6 76     9.1  262.7   10.59     0.00

11 24  6 76    13.1  275.5   11.67     0.00

12 24  6 76    13.7  274.8   13.03     0.00

13 24  6 76    13.4  286.0   13.99     0.00

14 24  6 76    14.8  284.0   15.10     0.00

15 24  6 76    16.0  262.4   15.73     0.00

16 24  6 76    13.2  264.3   16.27     0.00

17 24  6 76    15.8  251.5   16.74     0.00

18 24  6 76    13.8  237.9   16.86     0.00

19 24  6 76     9.4  256.2   14.89     0.00

20 24  6 76    10.4  245.0   13.17     0.00

21 24  6 76    11.2  246.4   13.37     0.00

22 24  6 76     9.6  253.5   12.75     0.00

23 24  6 76     7.7  234.5   12.28     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR      WS10  WD10     AT10      PREC
++ ++ ++ ++    +------------------------------+

 0 25  6 76       7.[illegible]  224.[illegible]   11.41     0.00

 1 25  6 76       4.5  226.[illegible]   11.64     0.00

 2 25  6 76       5.7  244.3   10.91     0.00

 3 25  6 76       6.9  255.6   10.73     0.00

 4 25  6 76       4.2  210.4   10.9[illegible]     0.00

 5 25  6 76       4.3  165.9    9.7[illegible]     0.00

 6 25  6 76       5.1  129.9   1[illegible].12     0.00

 7 25  6 76       7.2  222.[illegible]   13.5[illegible]     0.00

 8 25  6 76      11.5  231.[illegible]   14.5      0.00

 9 25  6 76      15.[illegible]  250.1   15.6[illegible]     0.00

10 25  6 76      14.1  234.[illegible]   16.4[illegible]     0.00

11 25  6 76      16.3  [illegible]   17.3[illegible]     0.00

12 25  6 76      17.[illegible]  21[illegible]   17.[illegible]     0.00

13 25  6 76      19.2  233.7   1[illegible].12     0.00

14 25  6 76      21.7  219.3   19.39     0.00

15 25  6 76      15.6  262.0   19.95     0.00

16 25  6 76      19.[illegible]  259.2   20.4[illegible]     0.00

17 25  6 76      21.3  247.5   20.66     0.00

18 25  6 76      13.[illegible]  244.[illegible]   20.17     0.00

19 25  6 76       9.[illegible]  224.0   19.[illegible]     0.00

20 25  6 76      17.[illegible]  232.5   19.[illegible]     0.00

21 25  6 76      11.6  225.1   18.65     0.00

22 25  6 76      13.2  224.5   18.49     0.00

23 25  6 76      14.3  221.2   17.[illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR    ATMP     PREC
++ ++ ++ ++   +---------------------------------+

 0 26  6 76    15.3  211.6   17.31     0.00

 1 26  6 76    14.2  231.9   17.67     0.00

 2 26  6 76    14.9  273.3   16.63     0.00

 3 26  6 76    14.2  275.6   15.79     0.00

 4 26  6 76    16.3  291.0   14.56     0.00

 5 26  6 76     7.3  [illegible]   12.09     0.00

 6 26  6 76     5.7  [illegible]    9.64     0.00

 7 26  6 76     6.7  335.9    9.71     0.00

 8 26  6 76     6.3   20.5   10.31     0.00

 9 26  6 76     7.3   47.9   12.29     0.00

10 26  6 76     5.4   31.5   13.71     0.00

11 26  6 76     9.4   76.2   15.31     0.00

12 26  6 76    12.1  251.0   17.75     0.00

13 26  6 76     7.5  339.7   18.90     0.00

14 26  6 76     5.6    7.7   19.90     0.00

15 26  6 76     8.2  267.7   20.57     0.00

16 26  6 76    11.7  295.9   21.15     0.00

17 26  6 76     7.7  340.2   21.26     0.00

18 26  6 76     7.2  326.2   21.63     0.00

19 26  6 76     7.6  337.6   20.30     0.00

20 26  6 76     3.7  199.9   16.63     0.00

21 26  6 76     2.7  276.1   17.27     0.00

22 26  6 76     5.6  274.1   16.37     0.00

23 26  6 76     6.3  254.2   15.71     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 27  6 76      10.0  272.2   16.01     0.00

 1 27  6 76       5.3  319.4   14.75     0.00

 2 27  6 76       3.1  276.6   13.61     0.00

 3 27  6 76       3.9  268.1   13.46     0.00

 4 27  6 76       4.1  275.7   13.24     0.00

 5 27  6 76       4.5  272.9   13.80     0.00

 6 27  6 76       1.7   96.8   15.22     0.00

 7 27  6 76       2.1  167.4   17.22     0.00

 8 27  6 76       5.0   31.2   17.33     0.00

 9 27  6 76       4.1  131.4   19.64     0.00

10 27  6 76      11.7  250.0   22.00     0.00

11 27  6 76      13.5  252.4   23.00     0.00

12 27  6 76      14.5  233.7   23.47     0.00

13 27  6 76      15.5  297.9   23.65     0.00

14 27  6 76       8.9  276.9   24.37     0.00

15 27  6 76       6.2  326.2   25.94     0.00

16 27  6 76       9.5  235.4   24.91     0.00

17 27  6 76       6.9  265.9   25.37     0.00

18 27  6 76      11.0  243.1   25.94     0.00

19 27  6 76       7.1  333.0   24.47     0.00

20 27  6 76       5.3  236.5   21.92     0.00

21 27  6 76       6.7  262.1   20.90     0.00

22 27  6 76       3.1  257.3   19.80     0.00

23 27  6 76       5.7  313.5   19.34     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE- [illegible]

            METEOROLOGICAL DATA
HR DY MO YR     WSPD  WDIR     TEMP     PRCP
** ** ** **    +----------------------------------+

 0 28  6 76     5.1 [illegible] [illegible] [illegible]

 1 28  6 76     4.2 [illegible] 17.14   [illegible]

 2 28  6 76  [illegible] [illegible] 1[illegible].18  0.[illegible]

 3 28  6 76     1.5 [illegible]  16.2[illegible] [illegible]

 4 28  6 76     3.2 [illegible]  16.[illegible] 0.[illegible]

 5 28  6 76     5.5 [illegible]  15.[illegible] [illegible]

 6 28  6 76     4.4  175.7   16.12    0.[illegible]

 7 28  6 76     3.9 [illegible] 17.59   0.0[illegible]

 8 28  6 76     4.3 [illegible]  19.27   0.0[illegible]

 9 28  6 76     3.3 [illegible] 20.6[illegible] [illegible]

10 28  6 76     6.3 [illegible] 21.2[illegible] [illegible]

11 28  6 76     4.5 [illegible] 23.3[illegible] [illegible]

12 28  6 76     5.4  349.6   24.4[illegible] 0.0[illegible]

13 28  6 76     2.4  321.2   25.5[illegible] 0.0[illegible]

14 28  6 76     6.4 [illegible] 26.2[illegible] [illegible]

15 28  6 76     9.2 [illegible] 26.34    0.00

16 28  6 76     9.5  313.4   26.44    0.00

17 28  6 76     7.6 [illegible] 26.19   0.00

18 28  6 76     7.3 [illegible]4.7  24.99   0.00

19 28  6 76  [illegible]  44.1   25.29    0.00

20 28  6 76     4.7 [illegible]  22.83    0.00

21 28  6 76     3.4 [illegible]9.6  20.99    0.00

22 28  6 76     4.1 [illegible].7  20.47    0.00

23 28  6 76     4.7 [illegible]9.2  19.13    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 29  6 76     7.2  180.3   20.57    0.00

 1 29  6 76     3.5  294.4   19.14    0.00

 2 29  6 76     3.0  227.3   17.79    0.00

 3 29  6 76     5.2  207.8   19.18    0.00

 4 29  6 76     6.3  169.7   19.61    0.00

 5 29  6 76     3.0  170.9   18.23    0.00

 6 29  6 76     2.2  269.8   17.91    0.00

 7 29  6 76     2.1   58.9   20.17    0.00

 8 29  6 76     5.0  103.5   20.97    0.00

 9 29  6 76     5.7  111.5   22.92    0.00

10 29  6 76     4.7   54.9   25.33    0.00

11 29  6 76     6.7  219.0   26.34    0.00

12 29  6 76     9.1  267.8   26.86    0.00

13 29  6 76     5.6  321.2   25.78    0.00

14 29  6 76    10.6   41.4   25.15    0.00

15 29  6 76     7.9  107.2   25.35    0.00

16 29  6 76    10.4  109.5   25.59    0.00

17 29  6 76    12.6  109.9   25.53    0.00

18 29  6 76    15.6  149.1   24.05    0.00

19 29  6 76    10.9  175.1   22.61    0.00

20 29  6 76    10.5  183.3   21.91    0.00

21 29  6 76    16.0  203.4   21.91    0.00

22 29  6 76    16.5  203.0   20.81    0.00

23 29  6 76    16.0  197.1   20.80    0.00
```

```
WHITE RIVER OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR   WS1   WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 30  6 76   14.5  235.6    20.51    0.

 1 30  6 76    7.3   15.2    13.34    0.00

 2 30  6 76    3.4  128.6    10.40    0.00

 3 30  6 76    4.5  173.4    10.41    0.00

 4 30  6 76    3.2   16.5    16.75    0.00

 5 30  6 76    6.2  122.1    16.31    0.00

 6 30  6 76    4.5   59.2    15.15    0.00

 7 30  6 76    5.4  142.6    19.07    0.00

 8 30  6 76   12.5  273.2    20.61    0.00

 9 30  6 76   17.9  215.5    21.31    0.00

10 30  6 76   15.3  222.1    22.23    0.00

11 30  6 76   14.5  239.1    22.57    0.00

12 30  6 76   12.3  262.5    22.92    0.00

13 30  6 76   11.4  234.3    23.51    0.00

14 30  6 76   14.2  222.0    22.15    0.00

15 30  6 76   13.6  227.9    22.94    0.00

16 30  6 76   17.4  216.     23.12    0.00

17 30  6 76   16.7  137.2    22.73    0.00

18 30  6 76   14.7  211.7    22.33    0.00

19 30  6 76    9.5  204.5    20.13    0.00

20 30  6 76    9.1  270.5    17.76    0.00

21 30  6 76    7.3  174.7    15.21    0.00

22 30  6 76    7.5  213.4    17.13    0.00

23 30  6 76   10.2  169.2    17.31    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   1   7  76     22.0  199.1   16.92     0.00

 1   1   7  76     18.1  200.1   15.95     0.00

 2   1   7  76     17.4  199.6   15.11     0.00

 3   1   7  76     15.2  253.7   16.60     0.00

 4   1   7  76     14.9  243.4   15.27     0.00

 5   1   7  76      6.6  259.3   13.84     0.00

 6   1   7  76      4.2  212.5   14.55     0.00

 7   1   7  76     15.0  214.7   17.25     0.00

 8   1   7  76     15.7  236.4   18.06     0.00

 9   1   7  76     11.8  241.5   19.64     0.00

10   1   7  76     14.1  256.2   20.56     0.00

11   1   7  76      9.7  242.9   21.61     0.00

12   1   7  76      8.5  224.3   22.51     0.00

13   1   7  76     12.2  247.7   23.10     0.00

14   1   7  76     13.2  297.1   20.17     0.00

15   1   7  76      7.3  276.6   21.55     0.00

16   1   7  76      9.7  271.1   19.50     0.00

17   1   7  76     10.6  278.7   21.17     0.00

18   1   7  76      5.4  274.4   23.34     0.00

19   1   7  76      9.3  221.2   22.40     0.00

20   1   7  76     10.1  208.7   20.90     0.00

21   1   7  76     11.2  213.7   20.50     0.00

22   1   7  76     12.3  220.7   20.00     0.00

23   1   7  76     11.1  223.6   19.73     0.00
```

```
[illegible] OIL SHALE PROJECT   SITE  T-[illegible]

              METEOROLOGICAL DATA
HR DY MO YR    WSPD    WDIR     ATMP       [illegible]
-- -- -- --   +--------------------------------!

 [illegible] 1 7 76    10.[illegible]   21[illegible]   12.4[illegible]    [illegible]

 1  2  7 76    10.5    14.1    15.[illegible]     [illegible]

 2  2  7 76     [illegible]    11.[illegible]    14.[illegible]     [illegible]

 3  2  7 76     4.[illegible]   [illegible]    13.5[illegible]     [illegible]

 4  2  7 76     5.[illegible]   27[illegible]   13.14     0.0[illegible]

 5  2  7 76     4.2   27[illegible]   13.12     [illegible]

 6  2  7 76     2.[illegible]   26[illegible]   14.[illegible]     0.0[illegible]

 7  2  7 76     2.1   [illegible]    17.[illegible]     [illegible]

 8  2  7 76     3.[illegible]    [illegible]4.    19.5[illegible]     [illegible]

 9  2  7 76     [illegible].2   231.[illegible]   21.1[illegible]     [illegible]

10  2  7 76    12.1   246.     21.45     [illegible]

11  2  7 76    17.[illegible]   2[illegible]5.[illegible]   22.41     [illegible]

12  2  7 76    21.9   232.1    22.55     0.0[illegible]

13  2  7 76    18.[illegible]   211.0    23.15     0.[illegible]

14  2  7 76    17.4   217.[illegible]   24.02     [illegible]

15  2  7 76    17.[illegible]   21[illegible].5   24.34     [illegible]

16  2  7 76    16.[illegible]   245.[illegible]   24.54     [illegible]

17  2  7 76    17.[illegible]   232.2    24.42     0.0[illegible]

18  2  7 76    15.[illegible]   215.7    23.83     [illegible]

19  2  7 76    13.[illegible]   225.[illegible]   22.[illegible]6     0.0[illegible]

20  2  7 76    15.9   240.1    21.[illegible]     0.0[illegible]

21  2  7 76     9.5   24[illegible]   19.5[illegible]     0.0[illegible]

22  2  7 76     [illegible]   3[illegible]   17.9[illegible]     0.00

23  2  7 76     [illegible]   [illegible]7.7   16.[illegible]1     [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE T40

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

    3  7 76     5.5  297.9    14.99     0.00

 1  3  7 76     4.6  273.0    14.64     0.00

 2  3  7 76     2.7  272.1    14.61     0.00

 3  3  7 76     3.4  295.4    13.51     0.00

 4  3  7 76     1.5  211.7    11.12     0.00

 5  3  7 76     4.0  197.8    12.59     0.00

 6  3  7 76     3.3  245.2    15.45     0.00

 7  3  7 76     2.2  245.1    17.79     0.00

 8  3  7 76     3.2  145.0    20.65     0.00

 9  3  7 76     5.1   94.4    20.59     0.00

1   3  7 76     6.9   39.2    21.59     0.00

11  3  7 76     4.9  301.4    22.61     0.00

12  3  7 76     6.5  255.3    23.27     0.00

13  3  7 76     7.4  317.3    24.19     0.00

14  3  7 76     5.0  201.9    25.17     0.00

15  3  7 76     5.7  251.5    25.26     0.00

16  3  7 76     6.9  356.2    25.57     0.00

17  3  7 76     6.   235.7    25.51     0.00

18  3  7 76     7.4  194.8    25.36     0.00

19  3  7 76     7.6  249.5    24.32     0.00

20  3  7 76     7.1  326.2    23.54     0.00

21  3  7 76     6.9  319.2    13.30     0.00

22  3  7 76     6.3  272.9    19.47     0.00

23  3  7 76     5.9  292.3    19.57     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDR10   AT10      PREC
** ** ** **   +--------------------------------+

 0  4  7 76     3.4  275.2   20.04     0.00

 1  4  7 76     6.2  260.9   19.64     0.00

 2  4  7 76     5.5  270.9   19.30     0.00

 3  4  7 76     5.3  254.9   19.37     0.00

 4  4  7 76     3.2   57.7   18.46     0.00

 5  4  7 76     2.1  147.6   16.82     0.00

 6  4  7 76     2.3  286.7   18.09     0.00

 7  4  7 76     2.2  137.6   20.72     0.00

 8  4  7 76     3.6  120.1   21.99     0.00

 9  4  7 76     5.5   90.9   23.69     0.00

10  4  7 76     7.3  172.0   25.14     0.00

11  4  7 76     7.5  218.5   25.68     0.00

12  4  7 76     7.6  241.5   26.40     0.00

13  4  7 76    10.1  254.1   26.65     0.00

14  4  7 76    12.7  266.4   27.19     0.00

15  4  7 76    10.9  217.5   27.30     0.00

16  4  7 76     9.1  199.9   27.18     0.00

17  4  7 76     6.7  211.4   27.38     0.00

18  4  7 76     9.0  225.6   26.99     0.00

19  4  7 76    10.0  230.1   25.66     0.00

20  4  7 76    13.9  230.2   24.16     0.00

21  4  7 76    15.3  229.1   23.37     0.00

22  4  7 76    11.1  245.3   22.26     0.00

23  4  7 76    10.2  255.9   21.22     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10      PREC
++  ++  ++  ++    +-----------  ----------------+

 0   5   7  76      6.4   276.9    21.26      0.00

 1   5   7  76      5.1   292.3    19.72      0.00

 2   5   7  76      4.3   277.2    19.52      0.00

 3   5   7  76      4.0   265.9    19.32      0.00

 4   5   7  76      4.7   275.6    18.37      0.00

 5   5   7  76      4.3   255.1    18.64      0.00

 6   5   7  76      4.9   250.3    21.11      0.00

 7   5   7  76      2.6   137.5    22.47      0.00

 8   5   7  76      4.0    99.8    23.20      0.00

 9   5   7  76      7.1   104.8    23.87      0.00

10   5   7  76      7.9    83.2    24.69      0.00

11   5   7  76      6.6    83.4    25.60      0.00

12   5   7  76      7.1    67.4    26.79      0.00

13   5   7  76      9.0   335.0    27.13      0.00

14   5   7  76      6.8    56.7    27.32      0.00

15   5   7  76      7.0   223.9    28.11      0.00

16   5   7  76      9.0   284.8    27.62      0.00

17   5   7  76     10.1   288.8    27.75      0.00

18   5   7  76      3.3   312.8    27.46      0.00

19   5   7  76      5.4   331.1    27.12      0.00

20   5   7  76      5.1   239.3    23.44      0.00

21   5   7  76      5.5   234.8    22.04      0.00

22   5   7  76      5.9   270.2    21.84      0.00

23   5   7  76      4.3   255.5    23.21      0.00
```

```
RIO BLANCO OIL SHALE PROJECT   SITE  TWO

           METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WDR10      AT10       PREC
++  ++  ++  ++    +------------------------------+

 0   6   7  76       7.5   212.4     23.91       0.00

 1   6   7  76       4.4   264.6     21.35       0.00

 2   6   7  76       5.6    12.7     20.42       0.00

 3   6   7  76       6.7   273.6     20.25       0.00

 4   6   7  76       3.2   137.6     17.74       0.00

 5   6   7  76       5.2   266.3     17.69       0.00

 6   6   7  76       3.7   277.0     18.20       0.00

 7   6   7  76       3.2   351.1     20.06       0.00

 8   6   7  76       5.0    90.7     22.52       0.00

 9   6   7  76       8.3   [illegible]     22.36       0.00

10   6   7  76       4.6   251.0     22.34       0.00

11   6   7  76       6.1   248.5     24.15       0.00

12   6   7  76      10.2   291.4     26.01       0.00

13   6   7  76       9.6   253.7     27.41       0.00

14   6   7  76       9.6   275.5     27.09       0.00

15   6   7  76      15.3   277.[illegible]     27.24       0.00

16   6   7  76       8.2   271.1     27.47       0.00

17   6   7  76       6.4   299.3     27.76       0.00

18   6   7  76       5.5   306.3     25.93       0.00

19   6   7  76       [illegible].3   114.7     26.01       0.00

20   6   7  76      12.7   247.6     24.43       0.00

21   6   7  76      13.8   271.5     22.83       0.00

22   6   7  76      12.[illegible]   249.9     22.32       0.00

23   6   7  76       6.9   281.6     21.92       0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
 HR  DY  MO  YR     WS10  WDR10    AT10     PREC
 ++  ++  ++  ++    +-------------------------------+

  0   7   7 76       8.1  179.0   21.80     0.00

  1   7   7 76       9.9  203.8   21.20     0.00

  2   7   7 76      12.7  215.2   21.21     0.00

  3   7   7 76      13.3  216.5   21.09     0.00

  4   7   7 76      12.0  215.6   20.73     0.00

  5   7   7 76      12.5  225.8   20.35     0.00

  6   7   7 76      13.0  211.1   20.97     0.00

  7   7   7 76       5.7  229.4   20.92     0.00

  8   7   7 76      10.4  232.2   23.07     0.00

  9   7   7 76      12.2  236.3   24.01     0.00

 10   7   7 76      11.0  271.9   25.25     0.00

 11   7   7 76     999.0  999.0  999.00     0.00

 12   7   7 76      19.4  299.0   19.92     0.00

 13   7   7 76      15.0  300.6   23.27     0.00

 14   7   7 76       8.6  259.2   23.70     0.05

 15   7   7 76      11.1  194.7   22.92     0.00

 16   7   7 76       9.7  271.7   23.24     0.00

 17   7   7 76       9.4  243.6   24.08     0.00

 18   7   7 76      13.4  194.6   24.41     0.00

 19   7   7 76      16.0  181.9   20.91     0.00

 20   7   7 76      25.8  234.4   22.00     0.00

 21   7   7 76      12.7  229.0   22.31     0.00

 22   7   7 76      22.2  230.2   21.54     0.00

 23   7   7 76      12.6  188.2   20.31     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0  8  7 76      9.1  197.1   20.43     0.00

 1  8  7 76     16.4  213.7   20.80     0.00

 2  8  7 76     12.6  205.3   20.65     0.00

 3  8  7 76      3.7  229.7   19.51     0.00

 4  8  7 76     10.0  213.7   19.69     0.00

 5  8  7 76     11.6  221.9   19.74     0.00

 6  8  7 76      9.5  250.1   20.15     0.00

 7  8  7 76     12.2  256.8   21.76     0.00

 8  8  7 76     11.9  265.6   22.54     0.00

 9  8  7 76     13.5  240.4   23.75     0.00

10  8  7 76     12.7  240.9   24.26     0.00

11  8  7 76     12.3  265.2   25.52     0.00

12  8  7 76      9.6  241.3   26.66     0.00

13  8  7 76      8.1  296.9   27.33     0.00

14  8  7 76     15.9  243.2   25.87     0.00

15  8  7 76     10.7  229.2   26.64     0.00

16  8  7 76     10.7  261.1   27.54     0.00

17  8  7 76      8.2  183.1   27.31     0.00

18  8  7 76      6.5  133.1   27.65     0.00

19  8  7 76      5.9  194.1   26.75     0.00

20  8  7 76     11.6  221.7   25.49     0.00

21  8  7 76     12.4  225.6   24.85     0.00

22  8  7 76     13.2  226.3   24.66     0.00

23  8  7 76     13.4  222.5   24.92     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0  9  7 76     13.3  224.2   24.64     0.00

 1  9  7 76     14.5  218.7   23.73     0.00

 2  9  7 76     14.2  222.9   23.30     0.00

 3  9  7 76      6.0  167.5   21.45     0.00

 4  9  7 76     11.6  231.3   21.32     0.00

 5  9  7 76      3.5  144.6   19.55     0.00

 6  9  7 76     10.1  227.3   22.12     0.00

 7  9  7 76      6.0  164.2   22.00     0.00

 8  9  7 76     10.6  251.4   24.43     0.00

 9  9  7 76      5.6  302.4   25.84     0.00

10  9  7 76      8.4  295.7   26.34     0.00

11  9  7 76      9.1  312.3   27.04     0.00

12  9  7 76      9.6  271.3   27.56     0.00

13  9  7 76      6.1   20.4   27.91     0.00

14  9  7 76     12.5  133.6   27.58     0.00

15  9  7 76      9.2  135.2   24.10     0.04

16  9  7 76      8.5  17[illegible].3   27.15     0.00

17  9  7 76      5.5  173.1   28.75     0.00

18  9  7 76      4.6  132.6   28.90     0.00

19  9  7 76      4.0  140.1   26.22     0.00

20  9  7 76      9.4  197.9   25.50     0.00

21  9  7 76      9.4  162.7   23.06     0.00

22  9  7 76      9.4  172.6   21.99     0.00

23  9  7 76     14.3  192.4   22.44     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

         METEOROLOGICAL DATA
HR DY MO YR    WS10  WD010    AT10     PREC
++ ++ ++ ++   +----------------------------------+

 0 10  7 76    [illegible] [illegible]  21.[illegible]1  0.[illegible]

 1 10  7 76     6.5  231.5    21.26     0.00

 2 10  7 76     6.5  17[illegible]    21.74     0.00

 3 10  7 76     5.3  254.[illegible]    22.20     0.00

 4 10  7 76     4.1  352.3    19.68     0.00

 5 10  7 76     2.4  277.7    18.42     0.00

 6 10  7 76     1.7   71.6    19.41     0.00

 7 10  7 76     2.3  152.3    22.54     0.00

 8 10  7 76     3.8  120.0    24.00     0.00

 9 10  7 76     5.6  221.7    25.96     0.00

10 10  7 76     6.7  205.5    27.07     0.00

11 10  7 76     5.2  305.4    27.93     0.00

12 10  7 76     7.9  332.6    27.93     0.00

13 10  7 76     7.7   22.9    29.40     0.00

14 10  7 76     6.5  327.[illegible]    28.51     0.00

15 10  7 76    14.3  226.[illegible]    25.58     0.00

16 10  7 76    12.7  21[illegible].5    25.41     0.00

17 10  7 76     4.1  172.5    26.17     0.00

18 10  7 76    10.3  346.1    26.48     0.00

19 10  7 76    15.5  113.4    23.44     0.00

20 10  7 76     7.4   59.9    22.14     0.00

21 10  7 76     5.1   81.3    21.24     0.00

22 10  7 76    11.4  153.7    20.85     0.00

23 10  7 76    11.6  137.4    20.87     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 11  7 76      4.9  154.8   21.39     0.00

 1 11  7 76      4.9  279.0   18.52     0.00

 2 11  7 76      2.5  114.6   18.53     0.00

 3 11  7 76      3.4  313.5   17.26     0.00

 4 11  7 76      6.9  272.4   17.89     0.00

 5 11  7 76      3.9   85.1   17.97     0.00

 6 11  7 76      3.6  301.0   17.79     0.00

 7 11  7 76      3.3   44.9   19.95     0.00

 8 11  7 76      3.3  303.9   21.37     0.00

 9 11  7 76      3.5  354.9   24.09     0.00

10 11  7 76      6.6  101.8   24.79     0.00

11 11  7 76      6.1  121.9   26.71     0.00

12 11  7 76      9.2  162.1   27.09     0.00

13 11  7 76      7.2  223.8   28.26     0.00

14 11  7 76      7.2  203.2   27.71     0.00

15 11  7 76      6.2  174.4   27.52     0.00

16 11  7 76      5.3  314.5   25.17     0.01

17 11  7 76     13.1  286.5   25.61     0.00

18 11  7 76     11.2  295.9   26.04     0.00

19 11  7 76     10.1  268.4   25.94     0.00

20 11  7 76     17.3  298.3   12.51     0.00

21 11  7 76      7.7  230.0   22.91     0.00

22 11  7 76      4.5  218.2   22.06     0.00

23 11  7 76      5.2  183.2   21.29     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10    PREC
++ ++ ++ ++   +-----------------------------+

 0 12  7 76     4.3  245.5   20.37    0.00

 1 12  7 76     8.3  256.0   20.86    0.00

 2 12  7 76    10.2  243.1   21.52    0.00

 3 12  7 76    12.8  247.2   20.30    0.00

 4 12  7 76    15.9  243.5   19.55    0.00

 5 12  7 76    20.0  241.1   19.25    0.00

 6 12  7 76    19.6  231.7   19.73    0.00

 7 12  7 76    14.4  224.7   21.49    0.00

 8 12  7 76    11.4  255.5   21.19    0.00

 9 12  7 76     9.7  246.2   22.34    0.00

10 12  7 76     5.7  260.4   23.44    0.00

11 12  7 76     7.3  233.9   24.73    0.00

12 12  7 76    15.4  271.0   24.49    0.00

13 12  7 76    13.9  315.4   23.76    0.00

14 12  7 76    23.3  335.7   22.20    0.00

15 12  7 76    15.3  329.3   19.74    0.00

16 12  7 76    16.6  336.2   21.19    0.00

17 12  7 76     4.4   21.3   21.91    0.00

18 12  7 76     4.9  184.5   21.94    0.00

19 12  7 76     9.5  260.2   21.29    0.00

20 12  7 76     5.7  115.6   20.31    0.00

21 12  7 76     9.3   19.2   18.94    0.00

22 12  7 76     3.6   33.4   18.28    0.00

23 12  7 76     4.0  331.7   17.69    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10      PREC
++  ++  ++  ++    +-------------------------------+

 0  13   7  76      5.4   357.6    16.94     0.00

 1  13   7  76      2.9    77.5    13.79     0.00

 2  13   7  76      3.7   350.5    13.21     0.00

 3  13   7  76      3.4   223.0    13.29     0.00

 4  13   7  76      5.1   273.7    13.49     0.00

 5  13   7  76      3.5   278.9    14.15     0.00

 6  13   7  76      5.4   258.6    14.62     0.00

 7  13   7  76      3.3    51.8    17.47     0.00

 8  13   7  76      4.3    58.3    17.77     0.00

 9  13   7  76      4.2    62.1    19.05     0.00

10  13   7  76      6.3    57.6    21.00     0.00

11  13   7  76      7.0    41.6    21.71     0.00

12  13   7  76      7.0   319.6    22.80     0.00

13  13   7  76     13.0   315.1    23.23     0.00

14  13   7  76    999.0   999.0   999.00     0.00

15  13   7  76    999.0   999.0   999.00     0.00

16  13   7  76     10.0   294.2    25.11     0.00

17  13   7  76     14.0   309.6    24.92     0.00

18  13   7  76      6.5   331.3    24.63     0.00

19  13   7  76      9.0   329.0    24.14     0.00

20  13   7  76      5.1   266.7    20.71     0.00

21  13   7  76      4.5   271.1    20.39     0.00

22  13   7  76      5.3   258.3    20.53     0.00

23  13   7  76      4.2   276.4    19.31     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10   AT10    PREC
** ** ** **   +---------------------------------+

 0 14  7 76     5.1  292.7  19.15   0.00

 1 14  7 76     3.7  321.6  18.21   0.00

 2 14  7 76     2.9  [illegible]  17.13   0.00

 3 14  7 76     4.4  319.7  16.95   0.00

 4 14  7 76     4.6  312.4  16.38   0.00

 5 14  7 76     5.7  3[illegible].0  15.06   0.00

 6 14  7 76     4.9  3[illegible].2  15.19   0.00

 7 14  7 76     2.3  364.0  17.74   0.00

 8 14  7 76     5.6  11[illegible]  18.62   0.00

 9 14  7 76     5.5  [illegible]  20.74   0.00

10 14  7 76     7.4   53.4  21.[illegible]   0.00

11 14  7 76     5.5   54.0  22.[illegible]   0.00

12 14  7 76     6.0    7.2  23.64   0.00

13 14  7 76     5.2   16.3  25.11   0.00

14 14  7 76    13.9  371.4  25.41   0.00

15 14  7 76    13.7  336.4  25.40   0.00

16 14  7 76    15.1  3[illegible]7.2  24.61   0.00

17 14  7 76    15.0  226.2  25.73   0.00

18 14  7 76    13.9  296.2  24.22   0.00

19 14  7 76    11.6  277.5  23.39   0.00

20 14  7 76     9.8  [illegible]  20.29   0.00

21 14  7 76    1[illegible].5  259.3  20.32   0.00

22 14  7 76    12.1  2[illegible].5  19.99   0.00

23 14  7 76    12.[illegible]  2[illegible].4  19.66   0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
              METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10    AT10      PREC
++  ++  ++  ++    +-------------------------------+

 0  15   7  76      11.0  262.7    16.98     0.00

 1  15   7  76       3.9  248.1    17.74     0.00

 2  15   7  76       3.3  314.6    17.03     0.00

 3  15   7  76       5.8  274.6    15.32     0.00

 4  15   7  76       5.6  302.6    16.23     0.00

 5  15   7  76       5.4  275.3    15.88     0.00

 6  15   7  76       3.2  327.7    16.04     0.00

 7  15   7  76       3.2   40.7    17.33     0.00

 8  15   7  76       6.4   53.6    17.55     0.00

 9  15   7  76       6.0   58.9    18.91     0.00

10  15   7  76       6.9   62.6    20.59     0.00

11  15   7  76       6.7   82.4    22.27     0.00

12  15   7  76       9.1   36.3    23.56     0.00

13  15   7  76       8.7   22.0    24.32     0.00

14  15   7  76      10.4   43.2    24.90     0.00

15  15   7  76       7.4   34.6    25.32     0.00

16  15   7  76      10.0  313.0    25.87     0.00

17  15   7  76       5.3   35.6    25.64     0.00

18  15   7  76       8.5   11.2    25.50     0.00

19  15   7  76       6.9   42.1    24.15      .00

20  15   7  76       6.0   51.6    22.95     0.00

21  15   7  76       4.0  274.0    20.73     0.00

22  15   7  76       3.1  279.4    20.24     0.00

23  15   7  76       4.2  275.4    19.72     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

        METEOROLOGICAL DATA
HR DY MO YR    WS10   WD10    AT10    PREC
++ ++ ++ ++   +-----------------------------------+

 0 16  7 76     3.4  [illegible]  [illegible]  0.00

 1 16  7 76     4.7  [illegible]  [illegible]  0.00

 2 16  7 76  [illegible]  [illegible]  [illegible]  0.00

 3 16  7 76     1.3  121.5   15.54    0.00

 4 16  7 76     2.7  [illegible]   17.56    0.00

 5 16  7 76  [illegible]  [illegible]   16.93    0.00

 6 16  7 76     1.5   14.4   17.59    0.00

 7 16  7 76     2.5   13.3   19.37    0.00

 8 16  7 76     3.7   24.4   20.[illegible]    0.00

 9 16  7 76     3.7   17.0   21.95    0.00

10 16  7 76  [illegible]  [illegible]   24.51    0.00

11 16  7 76     5.2  294.1   24.79    0.00

12 16  7 76     3.3  [illegible]   25.47    0.00

13 16  7 76     6.0  223.6   26.45    0.00

14 16  7 76    13.0  276.6   26.93    0.00

15 16  7 76    13.5  [illegible]   27.36    0.00

16 16  7 76     7.2   21.5   27.66    0.00

17 16  7 76     6.4  [illegible]   27.4[illegible]    0.00

18 16  7 76  [illegible]  351.[illegible]   27.32    0.00

19 16  7 76     5.9  [illegible]   26.55    0.00

20 16  7 76     3.5  321.4   23.92    0.00

21 16  7 76     3.3  111.9   23.51    0.00

22 16  7 76     3.4  235.5   22.25    0.00

23 16  7 76     3.3  123.3   22.72    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 17  7 76    12.1  243.3   21.71     0.00

 1 17  7 76    13.7  251.7   21.27     0.00

 2 17  7 76     8.0  261.7   20.56     0.00

 3 17  7 76     3.1  222.7   20.40     0.00

 4 17  7 76    12.0  230.7   13.35     0.00

 5 17  7 76     4.5  152.4   13.16     0.00

 6 17  7 76     2.4  259.6   19.06     0.00

 7 17  7 76     6.6  247.4   20.61     0.00

 8 17  7 76     5.2  262.4   21.38     0.00

 9 17  7 76     4.3  223.9   22.63     0.00

10 17  7 76     4.6  312.3   24.06     0.00

11 17  7 76     6.5  222.7   25.06     0.00

12 17  7 76     8.1  183.5   25.61     0.00

13 17  7 76     9.4  260.2   25.21     0.00

14 17  7 76     5.1   29.5   25.13     0.00

15 17  7 76     8.1   25.6   23.91     0.00

16 17  7 76     6.4  347.5   26.37     0.00

17 17  7 76     6.2   27.0   24.66     0.00

18 17  7 76     7.6   99.3   24.36     0.00

19 17  7 76     8.1   11.9   22.15     0.05

20 17  7 76    22.7  341.3   15.27     0.14

21 17  7 76     5.1  150.6   15.79     0.00

22 17  7 76     5.1  235.4   15.34     0.00

23 17  7 76     8.2  261.7   13.94     0.13
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

         METEOROLOGICAL DATA
HR DA MO YR     WS10  WD10   AT10     PREC
** ** ** **    +---------------------------------+

 0 18  7 76      5.6  295.3  13.45    0.05

 1 18  7 76      5.4  307.7  13.95    0.01

 2 18  7 76      5.2  234.1  14.14    0.00

 3 18  7 76      3.3  184.4  12.74    0.00

 4 18  7 76      4.3  192.6  12.73    0.00

 5 18  7 76      3.5  241.0  12.40    0.00

 6 18  7 76      4.2  250.0  13.54    0.00

 7 18  7 76      3.9  316.0  15.46    0.00

 8 18  7 76      5.4  252.8  16.90    0.00

 9 18  7 76      5.0  207.5  17.53    0.00

10 18  7 76      5.1    7.7  19.34    0.00

11 18  7 76      8.1  102.5  20.25    0.00

12 18  7 76     10.5  247.1  21.73    0.00

13 18  7 76     10.1  285.1  19.60    0.00

14 18  7 76     15.0  279.0  20.50    0.00

15 18  7 76     16.5  288.9  21.35    0.00

16 18  7 76     20.3  301.7  19.06    0.01

17 18  7 76     21.5  262.5  14.17    0.19

18 18  7 76     12.6  294.3  14.39    0.02

19 18  7 76     11.3  273.9  14.00    0.00

20 18  7 76      3.4  202.1  13.45    0.00

21 18  7 76      7.6  190.7  12.81    0.03

22 18  7 76      5.1   79.9  11.85    0.01

23 18  7 76      3.5  146.1  11.03    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10     PREC
++ ++ ++ ++   +-------------------------------+

   19  7 76     3.8  335.7   11.12    0.00

 1 19  7 76     5.6  260.8   12.35    0.00

 2 19  7 76     5.3  274.1   13.17    0.00

 3 19  7 76     3.1  292.4   12.35    0.00

 4 19  7 76     2.6  115.4   12.96    0.00

 5 19  7 76     5.7  245.5   13.06    0.00

 6 19  7 76     7.3  263.1   12.75    0.00

 7 19  7 76     2.7  142.6   14.46    0.00

 8 19  7 76     3.3  311.2   16.72    0.00

 9 19  7 76     4.7  235.6   17.53    0.00

10 19  7 76     7.1  275.0   18.21    0.11

11 19  7 76     5.7  339.6   18.94    0.00

12 19  7 76     5.1  321.9   20.54    0.00

13 19  7 76     6.6  274.8   20.92    0.00

14 19  7 76    13.0  215.2   19.36    0.00

15 19  7 76     5.9  243.4   21.36    0.00

16 19  7 76    13.4  257.3   19.22    0.00

17 19  7 76     6.2  249.6   21.09    0.00

18 19  7 76     8.9  123.1   19.22    0.00

19 19  7 76     9.7  196.2   16.13    0.00

20 19  7 76    10.6  224.3   17.31    0.00

21 19  7 76    13.4  219.5   16.42    0.00

22 19  7 76     6.4   13.3   16.35    0.00

23 19  7 76     5.4  330.0   13.95    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10     AT10     PREC
** ** ** **   +---------------------------------+

 0 20  7 76      5.0  317.1    14.24     0.00

 1 20  7 76      7.3  297.8    14.06     0.00

 2 20  7 76      3.7  305.0    13.62     0.00

 3 20  7 76      5.2  189.5    13.30     0.00

 4 20  7 76      1.6  197.5    12.75     0.00

 5 20  7 76      1.6  218.2    11.47     0.00

 6 20  7 76      4.4  254.7    12.15     0.00

 7 20  7 76      3.7  179.3    14.67     0.00

 8 20  7 76      6.2   83.5    16.12     0.00

 9 20  7 76      6.6  1[illegible].4    17.[illegible]1     0.00

10 20  7 76      5.3   87.2    1[illegible]     0.00

11 20  7 76      5.6  113.2    20.58     0.00

12 20  7 76      5.4   85.2    20.14     0.00

13 20  7 76      6.5  179.5    19.83     0.00

14 20  7 76     12.2  275.3    17.25     0.00

15 20  7 76     15.5  212.9    19.91     0.01

16 20  7 76      3.5  256.5    21.60     0.00

17 20  7 76     20.4  275.1    19.62     0.00

18 20  7 76     15.2  265.9    17.23     0.00

19 20  7 76      9.9  246.6    18.85     0.00

20 20  7 76      4.5   11.6    17.21     0.00

21 20  7 76      3.2  240.3    16.75     0.00

22 20  7 76      4.7  252.6    15.43     0.00

23 20  7 76      4.3  234.2    16.27     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 21  7 76      4.5  257.7   15.89     0.00

 1 21  7 76      3.7  264.7   15.95     0.00

 2 21  7 76      4.6  270.5   15.92     0.00

 3 21  7 76      4.3  259.1   16.24     0.00

 4 21  7 76      3.9  274.4   14.33     0.00

 5 21  7 76      2.8  254.0   14.73     0.00

 6 21  7 76      2.9  283.3   14.91     0.00

 7 21  7 76      3.1  120.3   16.94     0.00

 8 21  7 76      3.8  101.0   18.37     0.00

 9 21  7 76      5.5   75.2   20.16     0.00

10 21  7 76      5.9  109.3   20.61     0.00

11 21  7 76      6.1  253.4   21.45     0.00

12 21  7 76     10.5  322.2   22.66     0.00

13 21  7 76     11.4  299.8   22.32     0.00

14 21  7 76      8.5  272.3   23.24     0.00

15 21  7 76    999.0  999.0  999.00     0.00

16 21  7 76    999.0  999.0  999.00     0.00

17 21  7 76    999.0  999.0  999.00     0.00

18 21  7 76    999.0  999.0  999.00     0.00

19 21  7 76    999.0  999.0  999.00     0.00

20 21  7 76    999.0  999.0  999.00     0.00

21 21  7 76    999.0  999.0  999.00     0.00

22 21  7 76    999.0  999.0  999.00     0.00

23 21  7 76    999.0  999.0  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

        METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10  AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 22  7 76   999.0  999.0  999.00    0.00

 1 22  7 76   999.0  999.0  999.00    0.00

 2 22  7 76   999.0  999.0  999.00    0.00

 3 22  7 76   999.0  999.0  999.00    0.00

 4 22  7 76   999.0  999.0  999.00    0.00

 5 22  7 76   999.0  999.0  999.00    0.00

 6 22  7 76   999.0  999.0  999.00    0.00

 7 22  7 76   999.0  999.0  999.00    0.00

 8 22  7 76   999.0  999.0  999.00    0.00

 9 22  7 76   999.0  999.0  999.00    0.00

10 22  7 76   999.0  999.0  999.00    0.00

11 22  7 76   999.0  999.0  999.00    0.00

12 22  7 76   999.0  999.0  999.00    0.00

13 22  7 76   999.0  999.0  999.00    0.00

14 22  7 76   999.0  999.0  999.00    0.00

15 22  7 76   999.0  999.0  999.00    0.00

16 22  7 76   999.0  999.0  999.00    0.00

17 22  7 76   999.0  999.0  999.00    0.00

18 22  7 76   999.0  999.0  999.00    0.00

19 22  7 76   999.0  999.0  999.00    0.00

20 22  7 76   999.0  999.0  999.00    0.00

21 22  7 76   999.0  999.0  999.00    0.00

22 22  7 76   999.0  999.0  999.00    0.00

23 22  7 76   999.0  999.0  999.00    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 23  7 76   999.0  999.0  999.00    0.00

 1 23  7 76   999.0  999.0  999.00    0.00

 2 23  7 76   999.0  999.0  999.00    0.00

 3 23  7 76   999.0  999.0  999.00    0.00

 4 23  7 76   999.0  999.0  999.00    0.00

 5 23  7 76   999.0  999.0  999.00    0.00

 6 23  7 76   999.0  999.0  999.00    0.00

 7 23  7 76   999.0  999.0  999.00    0.00

 8 23  7 76   999.0  999.0  999.00    0.00

 9 23  7 76   999.0  999.0  999.00    0.00

10 23  7 76   999.0  999.0  999.00    0.00

11 23  7 76   999.0  999.0  999.00    0.00

12 23  7 76   999.0  999.0  999.00    0.00

13 23  7 76   999.0  999.0  999.00    0.00

14 23  7 76   999.0  999.0  999.00    0.00

15 23  7 76   999.0  999.0  999.00    0.00

16 23  7 76   999.0  999.0  999.00    0.00

17 23  7 76     7.5   31.9   27.38    0.00

18 23  7 76     8.1   52.7   27.62    0.00

19 23  7 76     3.5   90.0   25.67    0.00

20 23  7 76     8.2  100.9   23.76    0.00

21 23  7 76     8.7  132.5   21.45    0.00

22 23  7 76     7.6  175.2   20.11    0.00

23 23  7 76     5.6  123.7   19.27    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10      PREC
++ ++ ++ ++   +------------------------------+

 0 24  7 76     5.6  151.3   13.65     0.00

 1 24  7 76     3.6  148.6   13.19     0.00

 2 24  7 76     6.1  171.6   17.10     0.00

 3 24  7 76     4.8  154.3   16.46     0.00

 4 24  7 76     4.5  325.3   15.44     0.00

 5 24  7 76     2.7  336.0   15.15     0.00

 6 24  7 76     2.6  326.5   14.96     0.00

 7 24  7 76     3.3  142.4   17.22     0.00

 8 24  7 76     2.5  167.1   19.59     0.00

 9 24  7 76     6.2  127.3   20.97     0.00

10 24  7 76     6.9  277.[illegible]   21.93     0.00

11 24  7 76     6.9  [illegible]   22.76     0.00

12 24  7 76     7.5  245.3   23.98     0.00

13 24  7 76    11.3  [illegible]   24.14     0.00

14 24  7 76     3.1  275.5   24.22     0.00

15 24  7 76     6.3  245.[illegible]   25.30     0.00

16 24  7 76     6.1  285.6   25.53     0.00

17 24  7 76    11.5  216.3   24.50     0.00

18 24  7 76     7.4  212.4   24.54     0.00

19 24  7 76     5.3  149.2   23.89     0.00

20 24  7 76    10.1  225.5   22.49     0.00

21 24  7 76    12.3  222.[illegible]   21.84     0.00

22 24  7 76    13.3  231.1   21.49     0.00

23 24  7 76    14.5  222.[illegible]   21.64     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10     PREC
++  ++  ++  ++   +--------------------------------+

 0  25   7  76     18.3   235.3   21.01     0.00

 1  25   7  76     21.1   228.9   20.53     0.00

 2  25   7  76     19.4   233.2   19.72     0.00

 3  25   7  76     21.0   237.6   18.90     0.00

 4  25   7  76      9.5   240.5   18.32     0.00

 5  25   7  76      7.1   238.7   17.68     0.00

 6  25   7  76      3.7    75.6   17.27     0.00

 7  25   7  76      5.4   219.2   17.63     0.00

 8  25   7  76     13.0   236.6   19.55     0.00

 9  25   7  76     12.1   253.1   19.95     0.00

10  25   7  76    999.0   999.0  999.00     0.00

11  25   7  76    999.0   999.0  999.00     0.00

12  25   7  76    999.0   999.0  999.00     0.00

13  25   7  76    999.0   999.0  999.00     0.00

14  25   7  76    999.0   999.0  999.00     0.00

15  25   7  76    999.0   999.0  999.00     0.00

16  25   7  76    999.0   999.0  999.00     0.00

17  25   7  76    999.0   999.0  999.00     0.00

18  25   7  76    999.0   999.0  999.00     0.00

19  25   7  76    999.0   999.0  999.00     0.00

20  25   7  76    999.0   999.0  999.00     0.00

21  25   7  76    999.0   999.0  999.00     0.00

22  25   7  76    999.0   999.0  999.00     0.00

23  25   7  76    999.0   999.0  999.00     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  T00

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++    + ------------------------------+

 0 26  7 76   999.0  999.0  999.00     0.00

 1 26  7 76   999.0  999.0  999.00     0.00

 2 26  7 76   999.0  999.0  999.00     0.00

 3 26  7 76   999.0  999.0  999.00     0.00

 4 26  7 76   999.0  999.0  999.00     0.00

 5 26  7 76   999.0  999.0  999.00     0.00

 6 26  7 76   999.0  999.0  999.00     0.00

 7 26  7 76   999.0  999.0  999.00     0.00

 8 26  7 76   999.0  999.0  999.00     0.00

 9 26  7 76   999.0  999.0  999.00     0.00

10 26  7 76   999.0  999.0  999.00     0.00

11 26  7 76     4.3  342.0   19.17     0.05

12 26  7 76     6.5  299.3   20.75     0.00

13 26  7 76     7.1  231.5   21.18     0.00

14 26  7 76    11.3  244.3   20.78     0.00

15 26  7 76    11.1  245.2   20.42     0.00

16 26  7 76     6.3  254.0   16.73     0.15

17 26  7 76     7.1  256.1   19.67     0.00

18 26  7 76     7.3  231.5   21.10     0.00

19 26  7 76     4.5  262.8   20.94     0.00

20 26  7 76     4.4  241.3   18.10     0.00

21 26  7 76     4.3  249.1   16.98     0.00

22 26  7 76     5.3  241.3   17.22     0.00

23 26  7 76     7.1  211.0   18.05     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0  27   7  76       9.9   261.7   16.90      0.00

 1  27   7  76     999.0   999.0  999.00      0.00

 2  27   7  76     999.0   999.0  999.00      0.00

 3  27   7  76     999.0   999.0  999.00      0.00

 4  27   7  76     999.0   999.0  999.00      0.00

 5  27   7  76     999.0   999.0  999.00      0.00

 6  27   7  76     999.0   999.0  999.00      0.00

 7  27   7  76     999.0   999.0  999.00      0.00

 8  27   7  76     999.0   999.0  999.00      0.00

 9  27   7  76     999.0   999.0  999.00      0.00

10  27   7  76     999.0   999.0  999.00      0.00

11  27   7  76     999.0   999.0  999.00      0.00

12  27   7  76      14.4   325.7   22.[illegible]      0.0[illegible]

13  27   7  76      11.1   329.[illegible]   25.[illegible]      0.0[illegible]

14  27   7  76      10.8   2[illegible]2.4   23.[illegible]5      0.00

15  27   7  76      10.5   310.2   24.4[illegible]      0.00

16  27   7  76       5.2   103.9   25.[illegible]2      0.00

17  27   7  76       2.4    [illegible]1.9   24.16      0.00

18  27   7  76       6.1   331.6   25.63      0.00

19  27   7  76       [illegible].5    12.6   22.91      0.00

20  27   7  76       6.7   2[illegible]3.9   21.12      0.00

21  27   7  76       [illegible].1   268.7   19.94      0.00

22  27   7  76      10.7   292.6   20.0[illegible]      0.00

23  27   7  76      12.[illegible]   269.3   19.44      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 28  7 76    13.1  261.6   20.11    0.00

 1 28  7 76    13.4  265.7   19.75    0.00

 2 28  7 76    12.3  260.4   18.43    0.00

 3 28  7 76     5.2  266.3   17.15    0.00

 4 28  7 76     2.3  212.2   16.89    0.00

 5 28  7 76     2.3  270.8   17.33    0.00

 6 28  7 76     4.1  135.7   18.04    0.00

 7 28  7 76     1.3  134.5   19.97    0.00

 8 28  7 76     3.6  141.5   21.17    0.00

 9 28  7 76     6.3  187.2   22.21    0.00

10 28  7 76     5.1  241.4   23.61    0.00

11 28  7 76     6.5  274.3   23.65    0.00

12 28  7 76     8.6  301.5   25.01    0.00

13 28  7 76     9.7  231.9   25.13    0.00

14 28  7 76     9.1  249.6   25.65    0.00

15 28  7 76    10.5  252.1   25.73    0.00

16 28  7 76    15.4  302.5   25.65    0.00

17 28  7 76    13.7  311.8   26.09    0.00

18 28  7 76    11.9  321.6   25.47    0.00

19 28  7 76     7.5  277.9   24.20    0.00

20 28  7 76     8.2  269.0   20.90    0.00

21 28  7 76    11.3  260.0   20.89    0.00

22 28  7 76    10.4  254.9   20.47    0.00

23 28  7 76    11.1  256.4   20.65    0.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
              METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 29  7 76    10.3  273.5   20.44    0.00

 1 29  7 76     4.5    2.5   19.90    0.00

 2 29  7 76     4.0  267.1   19.55    0.00

 3 29  7 76     4.2  260.7   19.25    0.00

 4 29  7 76     3.4  271.0   18.57    0.00

 5 29  7 76     4.5  274.9   18.02    0.00

 6 29  7 76     4.2   79.9   19.36    0.00

 7 29  7 76     2.9  250.6   19.12    0.00

 8 29  7 76     3.7  171.0   22.24    0.00

 9 29  7 76     3.7  123.0   23.50    0.00

10 29  7 76     9.2   36.1   24.25    0.00

11 29  7 76     5.9  251.1   26.00    0.00

12 29  7 76     6.2  226.1   25.25    0.00

13 29  7 76    13.7  298.2   25.87    0.00

14 29  7 76    11.1  203.0   27.21    0.00

15 29  7 76    12.6  242.3   26.17    0.00

16 29  7 76    18.6  291.3   24.43    0.00

17 29  7 76    10.0  234.9   24.19    0.00

18 29  7 76     8.7  292.6   24.31    0.00

19 29  7 76     9.9   22.5   23.30    0.00

20 29  7 76     6.0   32.4   20.90    0.00

21 29  7 76     4.3  236.7   19.65    0.00

22 29  7 76     4.7  282.0   18.87    0.00

23 29  7 76     4.3  301.1   18.99    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

        METEOROLOGICAL DATA
HR  DY MO YR    WS10  WDR10   AT10     PREC
++  ++ ++ ++   +------------------------------+

 0 30  7 76     3.5  [illegible] 15.29     0.00

 1 30  7 76     4.[illegible]  260.[illegible]  13.60     0.00

 2 30  7 76     3.[illegible]  279.0   13.[illegible]     0.00

 3 30  7 76     4.4  312.0   17.05     0.00

 4 30  7 76     3.[illegible]  314.6   16.75     0.00

 5 30  7 76     3.5  234.1   15.03     0.00

 6 30  7 76     4.2  282.6   15.45     0.00

 7 30  7 76     4.[illegible]  300.3   16.83     0.00

 8 30  7 76     2.5  187.0   20.34     0.00

 9 30  7 76     5.2  31[illegible].0   21.[illegible]4     0.00

10 30  7 76     5.3  329.9   22.57     0.00

11 30  7 76     5.4  321.0   23.97     0.00

12 30  7 76     7.6  352.3   24.68     0.00

13 30  7 76     5.7   52.4   25.29     0.00

14 30  7 76    12.9  337.5   20.78     0.15

15 30  7 76    12.5  34[illegible].4   22.79     0.00

16 30  7 76     7.[illegible]   22.5   25.37     0.00

17 30  7 76     6.1   43.7   24.51     0.00

18 30  7 76     2.[illegible]   23.4   24.63     0.00

19 30  7 76     4.1  279.0   23.76     0.00

20 30  7 76    10.[illegible]  213.7   21.98     0.06

21 30  7 76    12.[illegible]  281.3   16.38     0.02

22 30  7 76    14.3  335.2   15.20     0.01

23 30  7 76    [illegible]  [illegible]   14.30     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 31  7 76   999.0  999.0  999.00    0.00

 1 31  7 76   999.0  999.0  999.00    0.00

 2 31  7 76   999.0  999.0  999.00    0.00

 3 31  7 76   999.0  999.0  999.00    0.00

 4 31  7 76   999.0  999.0  999.00    0.00

 5 31  7 76   999.0  999.0  999.00    0.00

 6 31  7 76   999.0  999.0  999.00    0.00

 7 31  7 76   999.0  999.0  999.00    0.00

 8 31  7 76   999.0  999.0  999.00    0.00

 9 31  7 76   999.0  999.0  999.00    0.00

10 31  7 76   999.0  999.0  999.00    0.00

11 31  7 76   999.0  999.0  999.00    0.00

12 31  7 76   999.0  999.0  999.00    0.00

13 31  7 76   999.0  999.0  999.00    0.00

14 31  7 76   999.0  999.0  999.00    0.00

15 31  7 76     6.4   65.9   25.84    0.00

16 31  7 76     9.1  310.0   25.17    0.00

17 31  7 76     9.1    4.9   24.45    0.00

18 31  7 76    10.0  303.6   24.07    0.00

19 31  7 76    13.9  244.7   22.42    0.00

20 31  7 76    14.1  199.0   13.29    0.11

21 31  7 76     7.4  214.9   16.19    0.06

22 31  7 76     3.0  243.3   14.01    0.00

23 31  7 76     5.3   50.4   12.32    0.00
```

```
RIO BLANCO OIL SHALE PROJECT (SITE T.)

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10  AT10     PREC
** ** ** **    +-----------------------------+
E PERCENTAGE OF DATA RECOVERED FOR JUL 76 FOR EACH PARAMETER IS

        RIO BLANCO OIL SHALE PROJECT  SITE

                METEOROLOGICAL DATA
       HR DY M  YR     WS10  WDR10   AT10    PREC
       ++ ++ ++ ++    +-----------------------------+

        0  0  7 76     86.0   86.0   86.00  100.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0  1  8 76     2.5  184.7   11.5      0.00

 1  1  8 76     3.1  219.5   12.35     0.01

 2  1  8 76     6.1  144.9   12.77     0.00

 3  1  8 76     3.6  296.2   12.46     0.00

 4  1  8 76     3.7  216.3   12.86     0.01

 5  1  8 76     4.4  229.6   13.27     0.01

 6  1  8 76     6.1  236.7   12.50     0.03

 7  1  8 76     2.4  190.3   12.56     0.01

 8  1  8 76     2.7   94.3   13.90     0.00

 9  1  8 76     5.5  252.9   13.01     0.00

10  1  8 76     3.3  313.[illegible]   15.31     0.00

11  1  8 76     9.4  283.2   16.50     0.00

12  1  8 76     9.2  307.5   17.34     0.00

13  1  8 76     6.3  133.6   15.55     0.00

14  1  8 76     6.5  145.9   17.14     0.00

15  1  8 76     7.5  164.7   17.20     0.00

16  1  8 76     8.2  23[illegible].5   18.20     0.00

17  1  8 76    11.9  232.5   16.95     0.00

18  1  8 76    11.9  357.0   16.22     0.00

19  1  8 76     5.2   42.1   14.59     0.00

20  1  8 76     2.8  321.0   13.72     0.00

21  1  8 76     4.1  305.1   13.44     0.00

22  1  8 76     2.5  283.3   13.44     0.00

23  1  8 76     3.3  281.0   13.45     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   2   8  76      6.1   237.6    14.69     0.00

 1   2   8  76      8.1   278.1    14.15     0.00

 2   2   8  76      6.6   298.3    13.95     0.00

 3   2   8  76      3.1    76.1    13.63     0.00

 4   2   8  76      2.9   146.9    13.25     0.00

 5   2   8  76      4.4   165.7    12.96     0.00

 6   2   8  76      3.8   202.3    13.26     0.00

 7   2   8  76      3.0   256.1    13.61     0.00

 8   2   8  76      2.3    61.9    14.60     0.00

 9   2   8  76      4.4    71.2    14.49     0.00

10   2   8  76      4.3    65.1    15.41     0.00

11   2   8  76      5.4    97.3    15.64     0.00

12   2   8  76      6.2    79.9    16.97     0.00

13   2   8  76      7.1    84.5    17.09     0.00

14   2   8  76      9.4   237.9    14.19     0.03

15   2   8  76      3.7    51.4    16.73     0.00

16   2   8  76      4.0    66.5    19.71     0.00

17   2   8  76      6.4    67.9    19.95     0.00

18   2   8  76      5.6    96.8    19.31     0.00

19   2   8  76      5.6   103.6    19.02     0.00

20   2   8  76      3.4   300.1    16.66     0.00

21   2   8  76      2.7    15.5    16.44     0.00

22   2   8  76     11.4   283.6    16.13     0.00

23   2   8  76      5.0   236.6    14.54     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  T10

         METEOROLOGICAL DATA
HR DY MO YR     WS10   DV10    AT10      PREC
++ ++ ++ ++    +---------------------------------+

 0  3  8 76      3.5  242.2   13.91      0.00

 1  3  8 76      4.3  336.4   12.19      0.00

 2  3  8 76      3.5  292.3   11.36      0.00

 3  3  8 76      5.0  250.2   12.73      0.00

 4  3  8 76     15.1  233.6   11.55      0.00

 5  3  8 76      5.3  264.4   12.37      0.00

 6  3  8 76      8.9  142.9   10.55      0.00

 7  3  8 76      6.5  146.1   11.65      0.00

 8  3  8 76      7.4  122.2   13.67      0.00

 9  3  8 76      6.6  128.9   15.72      0.00

10  3  8 76      6.8  153.4   18.03      0.00

11  3  8 76     20.7  216.0   20.24      0.00

12  3  8 76     16.2  204.3   20.26      0.00

13  3  8 76     15.6  217.9   21.16      0.00

14  3  8 76     16.5  220.7   21.60      0.00

15  3  8 76     14.4  227.5   21.30      0.00

16  3  8 76     17.5  291.6   19.67      0.00

17  3  8 76     16.1  294.3   19.44      0.00

18  3  8 76      7.0  303.3   17.11      0.00

19  3  8 76      4.5   15.3   15.96      0.00

20  3  8 76      2.2  124.4   14.65      0.00

21  3  8 76      5.7  174.9   15.31      0.00

22  3  8 76      4.5  216.2   15.17      0.00

23  3  8 76      4.3   74.6   13.11      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10    AT10      PREC
++  ++  ++  ++     +--------------------------------+

 0   4   8  76       3.1  285.9    11.23      0.00

 1   4   8  76       3.5  291.4    10.35      0.00

 2   4   8  76       2.8  303.8    10.52      0.00

 3   4   8  76       3.7  235.7    10.14      0.00

 4   4   8  76       4.3  280.9    10.10      0.00

 5   4   8  76       2.9   30.8    10.52      0.00

 6   4   8  76       4.5  116.3    12.57      0.00

 7   4   8  76       4.3   74.5    14.35      0.00

 8   4   8  76      11.6  211.0    17.29      0.00

 9   4   8  76      10.3  204.6    18.13      0.00

10   4   8  76      15.2  209.3    19.65      0.00

11   4   8  76      13.3  213.4    19.77      0.00

12   4   8  76      16.8  239.4    20.46      0.00

13   4   8  76      16.0  243.6    21.16      0.00

14   4   8  76      16.5  213.2    21.20      0.00

15   4   8  76      16.8  222.2    21.59      0.00

16   4   8  76      15.7  215.7    21.04      0.00

17   4   8  76      15.8  209.1    21.41      0.00

18   4   8  76      17.7  230.8    21.33      0.00

19   4   8  76      12.1  254.7    20.43      0.00

20   4   8  76      11.0  250.3    18.24      0.00

21   4   8  76      11.6  261.5    17.22      0.00

22   4   8  76       6.7  295.4    15.25      0.00

23   4   8  76       2.7   55.5    13.64      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10   AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0  5  6 76     5.0  281.0   12.43     0.00

 1  5  6 76     5.0  234.5   12.55     0.00

 2  5  6 76     5.2  272.4   13.06     0.00

 3  5  6 76     4.1  234.9   12.57     0.00

 4  5  6 76     4.2  281.7   12.55     0.00

 5  5  6 76     4.7  256.2   12.63     0.00

 6  5  6 76     4.3  250.6   13.75     0.00

 7  5  6 76     3.2  115.    15.31     0.00

 8  5  6 76     4.5  [illegible]1.7   15.54     0.00

 9  5  6 76     5.7  1[illegible].3   16.03     0.00

10  5  6 76     5.2  125.7   19.35     0.00

11  5  6 76     7.1   91.9   20.71     0.00

12  5  6 76    10.3  1[illegible].4   21.27     0.00

13  5  6 76    11.1  176.8   22.13     0.00

14  5  6 76     7.3  223.5   22.33     0.00

15  5  6 76     9.5  230.0   22.74     0.00

16  5  6 76    12.3  2[illegible].7   22.96     0.00

17  5  6 76    10.4  226.7   22.65     0.00

18  5  6 76    10.2  223.0   22.49     0.00

19  5  6 76     9.1  240.2   21.30     0.00

20  5  6 76     9.9  237.0   20.81     0.00

21  5  6 76     4.5  264.1   17.64     0.00

22  5  6 76     6.1  252.3   17.52     0.00

23  5  6 76     3.5  243.1   19.42     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10   AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0   6   8  76      9.7  209.1   19.34     0.00

 1   6   8  76     10.0  217.4   19.75     0.00

 2   6   8  76     13.1  217.2   18.65     0.00

 3   6   8  76     10.0  214.9   18.30     0.00

 4   6   8  76     11.8  209.0   17.25     0.00

 5   6   8  76     12.   211.3   16.92     0.00

 6   6   8  76      9.9  190.0   16.87     0.00

 7   6   8  76     13.4  176.5   18.53     0.00

 8   6   8  76     13.2  195.9   19.65     0.00

 9   6   8  76     12.1  193.7   20.69     0.00

10   6   8  76     12.3  204.7   21.18     0.00

11   6   8  76     19.3  191.4   21.65     0.00

12   6   8  76     21.4  234.2   22.39     0.00

13   6   8  76     18.0  204.9   23.01     0.00

14   6   8  76     18.7  212.1   24.10     0.00

15   6   8  76     20.3  229.9   23.99     0.00

16   6   8  76     22.5  202.5   24.49     0.00

17   6   8  76     19.0  200.9   24.51     0.00

18   6   8  76     19.0  221.5   23.97     0.00

19   6   8  76     12.2  222.2   22.69     0.00

20   6   8  76     12.1  224.5   21.82     0.00

21   6   8  76     10.2  210.1   22.07     0.00

22   6   8  76     10.8  205.4   21.42     0.00

23   6   8  76     10.7  214.6   21.04     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
** ** ** **    +-----------------------------------+

 0  7  8 76    11.5  198.6   20.71     0.00

 1  7  8 76    11.3  214.3   19.55     0.00

 2  7  8 76    13.3  231.8   19.43     0.00

 3  7  8 76    13.4  234.5   18.77     0.00

 4  7  8 76    14.4  242.7   17.71     0.00

 5  7  8 76    13.3  230.2   17.57     0.00

 6  7  8 76    11.4  234.4   17.58     0.00

 7  7  8 76    14.9  192.3   19.40     0.00

 8  7  8 76    18.9  176.9   22.75     0.00

 9  7  8 76    24.0  209.5   21.94     0.00

10  7  8 76    20.9  214.3   22.55     0.00

11  7  8 76    22.7  217.4   22.89     0.00

12  7  8 76    23.5  217.1   23.89     0.00

13  7  8 76    21.3  219.2   23.91     0.00

14  7  8 76    30.8  231.0   25.21     0.00

15  7  8 76    29.5  228.2   25.29     0.00

16  7  8 76    23.2  224.1   25.18     0.00

17  7  8 76    21.7  193.9   24.15     0.00

18  7  8 76    27.1  169.3   20.11     0.00

19  7  8 76    31.7  171.2   17.38     0.00

20  7  8 76    27.1  187.5   15.72     0.00

21  7  8 76    25.3  199.8   16.23     0.00

22  7  8 76    22.2  175.5   16.59     0.00

23  7  8 76    21.2  197.9   16.34     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0  8  8 76     14.7  209.5   16.08     0.00

 1  8  8 76     13.7  200.2   15.59     0.00

 2  8  8 76     19.3  205.6   15.32     0.00

 3  8  8 76     19.2  210.7   14.91     0.00

 4  8  8 76     17.1  210.6   14.92     0.00

 5  8  8 76     18.1  214.5   14.97     0.00

 6  8  8 76     13.9  209.4   15.62     0.00

 7  8  8 76     15.5  201.4   15.63     0.00

 8  8  8 76     12.9  212.9   18.77     0.00

 9  8  8 76     17.4  222.2   20.07     0.00

10  8  8 76     18.6  226.7   20.49      .00

11  8  8 76     17.3  234.2   20.75     0.00

12  8  8 76     20.5  192.3   21.04     0.00

13  8  8 76     19.5  218.3   21.35     0.00

14  8  8 76     19.6  211.4   22.26     0.00

15  8  8 76     20.3  171.0   20.51     0.00

16  8  8 76     17.9  168.2   20.21     0.00

17  8  8 76     39.2  235.9   12.27     0.90

18  8  8 76     15.5  192.5   12.65     0.10

19  8  8 76      8.4  176.7   12.92     0.00

20  8  8 76     19.6  205.2   13.96     0.00

21  8  8 76     11.5  191.4   13.03     0.00

22  8  8 76      8.9  192.7   13.34     0.00

23  8  8 76      4.3  147.0   13.66     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR    [illegible]
** ** ** **    +--------------------------------*

 0  9  8 76     4.1  159.7   12.16     0.00
 1  9  8 76     [illegible].6  160.[illegible]   12.[illegible]     0.00
 2  9  8 76     3.6   96.6   12.[illegible]     0.00
 3  9  8 76     3.[illegible]   97.9   13.07     0.00
 4  9  8 76     3.[illegible]  103.1   12.55     0.00
 5  9  8 76     3.[illegible]   55.2   12.65     0.00
 6  9  8 76     3.2   38.9   12.06     0.00
 7  9  8 76     9.3  231.[illegible]   15.5[illegible]     0.00
 8  9  8 76    12.[illegible]  231.7   16.99     0.00
 9  9  8 76    12.4  231.1   17.[illegible]5     0.00
10  9  8 76    12.6  23[illegible].[illegible]   1[illegible].[illegible]     0.00
11  9  8 76    11.7  223.4   1[illegible].[illegible]5     0.00
12  9  8 76    17.[illegible]  222.7   2[illegible].5[illegible]     0.00
13  9  8 76    16.7  216.8   2[illegible].95     0.00
14  9  8 76    17.5  217.[illegible]   21.[illegible]4     0.00
15  9  8 76    17.6  2[illegible].[illegible]   21.60     0.00
16  9  8 76    14.[illegible]  223.[illegible]   21.5[illegible]     0.00
17  9  8 76    14.5  224.6   21.5[illegible]     0.00
18  9  8 76    13.6  21[illegible].4   21.31     0.00
19  9  8 76    11.4  209.0   19.[illegible]4     0.00
20  9  8 76    11.5  210.4   18.23     0.00
21  9  8 76    13.[illegible]  212.2   18.03     0.00
22  9  8 76    12.5  216.7   17.90     0.00
23  9  8 76    11.[illegible]  223.4   1[illegible].[illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 10  8 76     11.3  253.0    15.67     0.00

 1 10  8 76      3.3  343.0    15.52     0.00

 2 10  8 76      4.5  275.1    14.70     0.00

 3 10  8 76      4.5  275.1    14.37     0.00

 4 10  8 76      4.9  290.5    13.36     0.00

 5 10  8 76      4.6   15.2    14.12     0.00

 6 10  8 76      1.9  305.5    12.16     0.00

 7 10  8 76      2.6  242.9    14.54     0.00

 8 10  8 76      7.8  232.4    17.29     0.00

 9 10  8 76     11.1  245.8    19.11     0.00

10 10  8 76     16.2  205.5    19.72     0.00

11 10  8 76     14.3  215.9    20.54     0.00

12 10  8 76     13.4  260.5    21.57     0.00

13 10  8 76     14.2  276.9    21.79     0.00

14 10  8 76     12.7  239.4    21.73     0.00

15 10  8 76     18.7  251.9    21.75     0.00

16 10  8 76     15.1  255.8    19.92     0.00

17 10  8 76     15.6  208.6    16.35     0.04

18 10  8 76     11.8  194.1    15.71     0.00

19 10  8 76      3.6  150.3    16.59     0.00

20 10  8 76     10.5  357.5    15.74     0.00

21 10  8 76     10.9  178.1    14.50     0.00

22 10  8 76      7.9  215.6    15.02     0.00

23 10  8 76      5.8  263.3    14.92     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

         METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 11  8 76     5.1  71.5   12.91    0.00

 1 11  8 76     3.2 224.5   12.06    0.00

 2 11  8 76    10.1 156.7   11.89    0.00

 3 11  8 76     4.7 358.9   12.02    0.00

 4 11  8 76     4.1 320.7   10.32    0.00

 5 11  8 76     3.0 327.1   10.55    0.00

 6 11  8 76     4.6 242.5   10.69    0.00

 7 11  8 76     1.3 238.4   12.00    0.00

 8 11  8 76     4.3 122.6   15.85    0.00

 9 11  8 76     9.0 191.6   17.97    0.00

10 11  8 76     8.5 223.2   19.44    0.00

11 11  8 76    12.4 249.3   20.24    0.00

12 11  8 76    11.5 207.7   20.92    0.00

13 11  8 76    12.0 241.0   20.62    0.00

14 11  8 76    14.1 262.2   20.49    0.00

15 11  8 76    21.5 270.0   19.70    0.00

16 11  8 76    10.1 [illegible]   17.56    0.02

17 11  8 76     4.9 224.4   15.59    0.04

18 11  8 76     7.5   0.7   14.16    0.17

19 11  8 76     9.1 347.8   12.26    0.24

20 11  8 76    15.5 107.6   11.43    0.02

21 11  8 76    13.2 156.7   11.41    0.00

22 11  8 76     3.4 272.2   10.23    0.00

23 11  8 76     4.7 152.5    9.97    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  [illegible]

                METEOROLOGICAL DATA
 HR  DY  MO  YR     WS10  WDR10    AT10      PREC
 ++  ++  ++  ++    +-------------------------------+

  0  12   8  76      3.[illegible]  159.7   10.2       0.00

  1  12   8  76      4.[illegible]  267.1   13.02      0.00

  2  12   8  76      2.4  186.4   12.77      0.00

  3  12   8  76      3.5   25.2   11.44      0.00

  4  12   8  76      4.2  171.4   10.59      0.00

  5  12   8  76      3.7  274.6   11.35      0.00

  6  12   8  76      3.4  169.7   11.21      0.00

  7  12   8  76      2.1  359.1   13.54      0.00

  8  12   8  76      4.4   67.8   14.54      0.00

  9  12   8  76      4.[illegible]   27.7   15.[illegible]      0.00

 10  12   8  76      4.[illegible]   71.1   1[illegible].6       0.00

 11  12   8  76      5.4  236.8   20.9       0.00

 12  12   8  76     10.9  239.1   21.47      0.00

 13  12   8  76     13.7  249.0   22.85      0.00

 14  12   8  76     12.4  177.6   22.24      0.[illegible]

 15  12   8  76     13.[illegible]  221.1   23.[illegible]      0.00

 16  12   8  76     11.2  210.1   23.18      0.0

 17  12   8  76     14.4  217.0   23.14      0.00

 18  12   8  76      6.4  205.2   23.21      0.00

 19  12   8  76     10.7  211.6   24.31      0.00

 20  12   8  76     12.9  217.2   24.17      0.00

 21  12   8  76     14.4  217.9   23.01      0.00

 22  12   8  76      9.7  219.7   2[illegible].1       0.00

 23  12   8  76      9.1  251.4   19.73      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

           METEOROLOGICAL DATA
HR DY MO YR    WSP1   WDI1    AT1      PREC
** ** ** **   +-------------------------------+

 0 13  8 76    10.6  211.5   19.52     0.00

 1 13  8 76    10.7  23[illegible].[illegible]   19.75     0.00

 2 13  8 76     [illegible].1   75.6   15.41     0.00

 3 13  8 76    13.   222.    17.79     0.00

 4 13  8 76     6.7  [illegible].1   17.56     0.00

 5 13  8 76     1.7  35[illegible].7   15.91     0.00

 6 13  8 76     2.1  27[illegible].1   15.8[illegible]     0.00

 7 13  8 76     5.1  2[illegible].3   15.92     0.00

 8 13  8 76     7.1  2[illegible]3.    17.59     0.00

 9 13  8 76     4.[illegible]   [illegible]4.7   17.[illegible]     0.0[illegible]

10 13  8 76     9.1  1[illegible]1.[illegible]   14.[illegible]   [illegible]

11 13  8 76     [illegible].7  2[illegible]3.1   19.2[illegible]     0.00

12 13  8 76     6.4   66.6   19.54     0.00

13 13  8 76     [illegible].7  217.2   20.21     0.00

14 13  8 76     [illegible].2   [illegible]6.9   1[illegible].19     0.00

15 13  8 76     5.[illegible]  13[illegible].[illegible]   17.[illegible]     0.02

16 13  8 76    10.7  1[illegible].[illegible]   17.91     0.01

17 13  8 76    13.[illegible]  144.6   19.61     0.[illegible]

18 13  8 76     9.2  144.5   19.04     0.00

19 13  8 76     2.3  2[illegible].[illegible]   17.95     0.00

20 13  8 76     6.[illegible]  254.[illegible]   17.[illegible]2     0.00

21 13  8 76     4.7  275.[illegible]   16.5[illegible]     0.00

22 13  8 76     2.[illegible]  2[illegible].[illegible]   15.14     0.00

23 13  8 76     4.[illegible]  [illegible]44.7   14.[illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  T[illegible]

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10   AT10    PREC
++ ++ ++ ++   +------------------------------+

    14 [illegible] 76     4.3  3[illegible]2.1   13.45    0.00

 1  14 [illegible] 76     2.4  3[illegible].7   1[illegible].[illegible]7    0.00

 2  14 [illegible] 76     2.7  2[illegible]7.9   13.42    0.00

 3  14 [illegible] 76     2.7  3[illegible]5.7   13.44    0.00

 4  14 [illegible] 76     2.6  2[illegible]6.6   13.41    0.00

 5  14 [illegible] 76     2.3  339.2   13.4[illegible]    0.00

 6  14 [illegible] 76     4.2  342.8   12.98    0.00

 7  14 [illegible] 76     4.1  [illegible].4   16.12    0.00

 8  14 [illegible] 76    11.3  192.9   18.91    0.00

 9  14 [illegible] 76    13.4  2[illegible]3.4   2[illegible].[illegible]    0.00

10  14 [illegible] 76    12.5  253.4   2[illegible].07    0.00

11  14 [illegible] 76    16.[illegible]  1[illegible].1   21.39    0.00

12  14 [illegible] 76    14.7  2[illegible].[illegible]   21.46    0.00

13  14 [illegible] 76    14.2  213.4   22.55    0.00

14  14 [illegible] 76    14.[illegible]  2[illegible]5.3   [illegible].[illegible]    0.[illegible]

15  14 [illegible] 76    16.5  1[illegible].6   2[illegible].[illegible]1    0.00

16  14 [illegible] 76    16.1  212.[illegible]   23.[illegible]    0.00

17  14 [illegible] 76    15.7  2[illegible]6.0   23.12    0.00

18  14 [illegible] 76    14.5  212.[illegible]   2[illegible].5[illegible]    0.00

19  14 [illegible] 76     9.7  212.1   20.93    0.00

20  14 [illegible] 76    10.6  2[illegible]4.4   19.[illegible]    0.00

21  14 [illegible] 76    10.7  199.4   16.55    0.00

22  14 [illegible] 76    11.3  236.9   1[illegible].6[illegible]    0.00

23  14 [illegible] 76     8.2  205.8   1[illegible].55    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

          METEOROLOGICAL DATA
HR DAY MO YR    [illegible]  [illegible]  [illegible]    [illegible]
++ ++ ++ ++    +-------------------------------------+

 0 15  8 76     3.[illegible]  1[illegible]3.4   13.[illegible]      .
 1 15  8 76    10.4  212.[illegible]   17.[illegible]   0.00
 2 15  8 76    13.2  2[illegible]9.8   17.4[illegible]   0.00
 3 15  8 76    11.3  1[illegible]7.4   16.11   0.00
 4 15  8 76     6.[illegible]  1[illegible]   14.55   0.00
 5 15  8 76     3.7  235.[illegible]   13.[illegible]   0.00
 6 15  8 76     9.[illegible]  196.2   14.02   0.00
 7 15  8 76    10.2  165.7   14.15   0.00
 8 15  8 76    13.[illegible]  [illegible].9   17.41   0.00
 9 15  8 76    21.6  19[illegible]   17.24   0.00
10 15  8 76    24.[illegible]  1[illegible]   18.31   0.00
11 15  8 76    24.[illegible]  19[illegible]   19.22   0.00
12 15  8 76    25.2  192.7   19.8[illegible]   0.00
13 15  8 76    24.7  19[illegible]   20.36   0.00
14 15  8 76    23.9  194.[illegible]   20.63   0.00
15 15  8 76    21.4  2[illegible]5.4   20.[illegible]   0.00
16 15  8 76    20.[illegible]  21[illegible].6   21.44   0.00
17 15  8 76    22.5  2[illegible].1   20.42   0.00
18 15  8 76    23.4  214.[illegible]   20.47   0.00
19 15  8 76    12.5  23[illegible]   19.24   0.00
20 15  8 76    11.7  226.4   18.64   0.00
21 15  8 76    11.1  2[illegible]7.[illegible]   18.0[illegible]   0.00
22 15  8 76    12.4  219.[illegible]   17.31   0.00
23 15  8 76    12.9  2[illegible]   17.06   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 16  8 76    15.1  226.5   16.57    0.00

 1 16  8 76    13.1  223.1   16.17    0.00

 2 16  8 76    13.1  214.8   15.72    0.00

 3 16  8 76    12.1  220.9   15.1     0.00

 4 16  8 76    11.4  213.9   14.41    0.00

 5 16  8 76     3.3  259.4   12.73    0.00

 6 16  8 76     4.8  252.3   15.06    0.00

 7 16  8 76     5.9  195.8   14.77    0.00

 8 16  8 76    12.4  275.2   15.45    0.00

 9 16  8 76    11.3  213.0   15.37    0.00

10 16  8 76    12.2  220.5   17.49    0.00

11 16  8 76    15.3  213.0   18.43    0.00

12 16  8 76    18.7  184.5   19.42    0.00

13 16  8 76    17.3  195.4   20.27    0.00

14 16  8 76    17.1  196.2   21.10    0.00

15 16  8 76    18.7  221.1   21.75    0.00

16 16  8 76    18.9  193.5   21.74    0.00

17 16  8 76    16.5  178.5   21.91    0.00

18 16  8 76    13.7  208.9   21.58    0.00

19 16  8 76    10.5  218.7   20.54    0.00

20 16  8 76    11.1  221.9   19.67    0.00

21 16  8 76     9.4  219.9   19.24    0.00

22 16  8 76    11.2  227.4   18.97    0.00

23 16  8 76    11.3  219.4   18.35    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR  DY  MO  YR    VS10   DD10    AT10     PREC
++  ++  ++  ++  +-------------------------------+

 0  17   8  76    10.4   136.6   17.87    0.00

 1  17   8  76     9.5   1[illegible].2   17.75    0.00

 2  17   8  76    11.1   2[illegible].9   17.93    0.00

 3  17   8  76    12.4   204.2   1[illegible].07    0.00

 4  17   8  76     9.3   210.1   17.22    0.00

 5  17   8  76    10.6   200.5   16.53    0.00

 6  17   8  76     9.7   205.5   15.25    0.00

 7  17   8  76     5.2   172.3   16.16    0.00

 8  17   8  76     7.9   166.2   17.48    0.00

 9  17   8  76    14.[illegible]   183.7   19.09    0.00

10  17   8  76    13.1   197.5   19.56    0.01

11  17   8  76    16.7   229.2   20.05    0.00

12  17   8  76    14.5   224.7   20.20    0.00

13  17   8  76    11.5   217.2   21.21    0.00

14  17   8  76    [illegible]   193.1   22.01    0.00

15  17   8  76    13.[illegible]   232.7   22.39    0.00

16  17   8  76    13.[illegible]   213.1   22.34    0.00

17  17   8  76    11.0   190.8   21.29    0.00

18  17   8  76    17.5   201.9   21.24    0.00

19  17   8  76    16.9   197.6   17.63    0.00

20  17   8  76    10.6   251.6   15.52    0.00

21  17   8  76    12.9   237.4   15.11    0.00

22  17   8  76    12.9   234.2   14.49    0.00

23  17   8  76     9.[illegible]   281.4   11.91    0.02
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 13  8 76     5.9  123.5   11.56    0.01

 1 13  8 76     2.2    4.1   10.71    0.00

 2 13  8 76     9.1  103.8   11.64    0.00

 3 13  8 76     4.2   76.3   11.32    0.00

 4 13  8 76     2.7   43.2   10.16    0.00

 5 13  8 76     3.4  2[illegible].7    9.[illegible]    0.00

 6 13  8 76     3.3  323.1   10.93    0.00

 7 13  8 76     3.[illegible]   93.7   13.13    0.00

 8 13  8 76     4.2  10[illegible].4   14.59    0.00

 9 13  8 76     7.8  206.2   15.59    0.00

10 13  8 76     [illegible].3  [illegible]   17.28    0.00

11 13  8 76     [illegible].1  256.2   17.[illegible]    0.00

12 13  8 76    14.[illegible]  231.7   19.[illegible]    0.00

13 13  8 76    13.7  219.4   20.22    0.00

14 13  8 76    14.1  203.1   21.30    0.00

15 13  8 76    13.6  230.6   22.17    0.00

16 13  8 76    14.5  234.8   22.[illegible]    0.00

17 13  8 76    13.4  239.2   21.61    0.00

18 13  8 76    12.2  224.6   20.65    0.00

19 13  8 76    11.2  219.[illegible]   19.[illegible]    0.00

20 13  8 76    11.5  210.9   18.79    0.00

21 13  8 76     8.6  210.6   18.34    0.00

22 13  8 76     8.4  208.7   18.[illegible]    0.00

23 13  8 76     9.9  205.[illegible]   17.16    0.00
```

```
*** LANCO OIL SHALE PROJECT  SITE C-A

          METEOROLOGICAL DATA
 HR DY MO YR    WSPD  WDIR    ATMP    PREC
 ++ ++ ++ ++    +--------------------------------+

  0 19  8 76    [illegible]  [illegible]  17.[illegible]1   [illegible]

  1 19  8 76    12.2  184.3   13.44   0.00

  2 19  8 76     7.7  192.[illegible]   15.12   0.00

  3 19  8 76    11.1  [illegible]   15.02   0.00

  4 19  8 76    1[illegible].7  206.5   15.65   [illegible].00

  5 19  8 76     8.4  194.[illegible]   15.04   0.00

  6 19  8 76     6.5  [illegible]   14.53   0.00

  7 19  8 76    15.5  1[illegible]1.   17.74   0.00

  8 19  8 76    14.5  [illegible]   17.14   0.00

  9 19  8 76    10.3  214.7   19.14   0.0[illegible]

 10 19  8 76    11.6  237.[illegible]   2[illegible].1[illegible]   [illegible]

 11 19  8 76    11.4  2[illegible]4.4   21.23   0.00

 12 19  8 76    16.5  230.5   21.72   0.00

 13 19  8 76    15.7  242.9   22.02   0.00

 14 19  8 76    15.4  245.4   23.16   0.0[illegible]

 15 19  8 76    12.3  25[illegible].4   2[illegible]   [illegible]

 16 19  8 76    11.1  242.2   23.13   0.00

 17 19  8 76     9.6  243.7   23.47   0.00

 18 19  8 76     9.4  233.7   22.55   0.00

 19 19  8 76     7.4  212.7   21.59   0.00

 20 19  8 76     9.1  191.[illegible]   19.28   0.00

 21 19  8 76     9.1  2[illegible]   18.81   0.00

 22 19  8 76    12.4  216.[illegible]   19.17   0.00

 23 19  8 76    12.3  2[illegible]   18.55   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR  DY MO YR    WS10   WDR10     AT10       PREC
++  ++ ++ ++   +---------------------------------+

 0  20  8 76    12.3   231.6     19.13      0.00

 1  20  8 76    12.0   229.3     18.6[illegible]    0.00

 2  20  8 76    15.5   228.1     18.25      0.00

 3  20  8 76    12.[illegible]   223.5     17.64      0.00

 4  20  8 76     9.4   253.5     16.73      0.00

 5  20  8 76    14.3   245.5     16.17      0.00

 6  20  8 76     9.7   244.5     15.64      0.00

 7  20  8 76     5.1   102.5     15.92      0.00

 8  20  8 76     3.6   [illegible]     1[illegible].43      0.00

 9  20  8 76     4.[illegible]   267.6     18.25      0.00

10  20  8 76     8.[illegible]   156.      20.55      0.00

11  20  8 76    12.[illegible]   [illegible]     21.3[illegible]      0.

12  20  8 76     [illegible].6   2[illegible]6.1     22.[illegible]      0.00

13  20  8 76     5.5   245.0     22.25      0.00

14  20  8 76     [illegible].[illegible]   102.4     2[illegible].[illegible]      0.0

15  20  8 76     3.6   21[illegible].[illegible]     22.4[illegible]      0.00

16  20  8 76    12.[illegible]   142.[illegible]     22.[illegible]      0.00

17  20  8 76    13.9   161.[illegible]     21.34      0.00

18  20  8 76     8.[illegible]   179.5     22.04      0.00

19  20  8 76     6.2   176.3     20.77      0.00

20  20  8 76    10.5   207.8     20.1        .00

21  20  8 76    1[illegible].[illegible]   216.5     2[illegible].[illegible]1      0.00

22  20  8 76    12.9   220.4     20.[illegible]6      0.00

23  20  8 76    12.[illegible]   222.1     19.[illegible]7      0.00
```

```
[illegible] OIL SHALE PROJECT SITE [illegible]

        METEOROLOGICAL DATA
HR DY MO YR   WSPD   WDIR   ATEMP   PREC
++ ++ ++ ++   +-------------------------------+

   21  6 76   10.3  337.4  17.[illegible]    [illegible]

 1 21  6 76   [illegible].1  262.1  17.[illegible]    0.00

 2 21  6 76    7.1  [illegible]4.2  17.35    0.[illegible]

 3 21  6 76    5.1  [illegible]  16.26    0.00

 4 21  6 76    3.4  271.4  15.56    0.00

 5 21  6 76    2.3  312.[illegible]  15.55    0.00

 6 21  6 76    2.1  256.4  15.94    0.00

 7 21  6 76    2.5  272.[illegible]  17.74    0.00

 8 21  6 76    5.[illegible]  [illegible]7.1  19.55    0.00

 9 21  6 76    5.[illegible]  131.7  20.56    0.00

10 21  6 76    6.6  [illegible].4  22.94    0.00

11 21  6 76    5.0  11[illegible].5  23.32    0.00

12 21  6 76    8.1    4.2  23.57    0.00

13 21  6 76   13.2  115.9  22.29    0.00

14 21  6 76   12.7  265.1  22.71    0.00

15 21  6 76    4.3   14.9  24.1[illegible]    0.00

16 21  6 76    9.3  275.4  24.07    0.00

17 21  6 76   10.6  2[illegible].2  24.14    0.00

18 21  6 76    4.1  153.6  24.46    0.00

19 21  6 76    4.1   95.2  23.09    0.00

20 21  6 76    6.2  263.7  2[illegible]    0.00

21 21  6 76    3.5  251.2  20.77    0.00

22 21  6 76    [illegible]  254.3  20.21    0.00

23 21  6 76    3.3  257.6  20.27    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

   22  8 76     2.3  129.9   19.73      .00

 1 22  8 76     6.6  262.5   19.57     0.00

 2 22  8 76     4.1  271.0   19.40      .00

 3 22  8 76      .2   55.0   18.14      .00

 4 22  8 76     4.6  235.    17.7      0.00

 5 22  8 76     2.7  243.    17.2      0.00

 6 22  8 76     1.7  333.3   16.51     0.00

 7 22  8 76     2.2   99.7   18.43     0.00

 8 22  8 76     3.     90.4   20.       0.00

 9 22  8 76      .1  103.1   22.41     0.00

10 22  8 76      .7  133.6   24.       0.00

11 22  8 76     6.2  219.1   24.67     0.00

12 22  8 76    11.1  169.2   25.       0.00

13 22  8 76       .  340.    24.2      0.00

14 22  8 76     6.7  345.4   24.        .00

15 22  8 76     4.    24.7   23.16     0.00

16 22  8 76     3.5   36.5   21.       0.00

17 22  8 76     7.1  130.8   21.57     0.00

18 22  8 76    10.0  223.4   18.57     0.00

19 22  8 76     6.9   30.7   17.       0.00

20 22  8 76     5.   313.1   16.67     0.00

21 22  8 76     4.5  12 .    16.3      0.00

22 22  8 76    11.1  170.3   17.49     0.00

23 22  8 76     4.1  135.7   16.56     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

           METEOROLOGICAL DATA
 HR DY MO YR    WSPD  WDIR    TEMP     PREC
 ++ ++ ++ ++   +------------------------------+

  0 23  8 76     3.1  211.6   15.34     0.00

  1 23  8 76     4.2  331.3   14.55     0.00

  2 23  8 76     3.1  166.1   14.15     0.00

  3 23  8 76     3.1  144.3   14.55     0.00

  4 23  8 76     5.2  155.4   15.37     0.00

  5 23  8 76     7.0  179.0   13.41     0.01

  6 23  8 76     8.5  164.1   14.35     0.00

  7 23  8 76    11.0  183.7   16.35     0.00

  8 23  8 76    13.7  197.0   17.49     0.00

  9 23  8 76    15.3  234.7   19.23     0.00

 10 23  8 76    15.5  255.1   19.05     0.00

 11 23  8 76    16.6  259.9   20.37   999.00

 12 23  8 76    13.7  243.5   21.57     0.00

 13 23  8 76    14.5  256.6   19.15     0.00

 14 23  8 76    11.1  249.7   21.14     0.00

 15 23  8 76    11.   267.0   21.70     0.00

 16 23  8 76    13.6  277.3   22.16     0.00

 17 23  8 76     9.0  251.6   22.71     0.00

 18 23  8 76    14.6  295.6   22.34     0.00

 19 23  8 76     7.7  322.5   20.14     0.00

 20 23  8 76     6.3  227.3   17.83     0.00

 21 23  8 76     6.4  209.6   17.52     0.00

 22 23  8 76     4.7    5.9   16.94     0.00

 23 23  8 76     3.5   15.6   15.76     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 24  8 76     6.1  341.1   13.97    0.00

 1 24  8 76     6.3  310.2   12.60    0.00

 2 24  8 76     4.5  313.6   12.73    0.00

 3 24  8 76     4.7  307.3   12.10    0.00

 4 24  8 76     4.2  236.9   11.51    0.00

 5 24  8 76     5.0  277.8   11.51    0.00

 6 24  8 76     3.4  272.9   11.74    0.00

 7 24  8 76     3.0  277.1   13.27    0.00

 8 24  8 76     6.1   58.7   15.16    0.00

 9 24  8 76     5.3   46.5   16.43    0.00

10 24  8 76     5.6   74.6   17.21    0.00

11 24  8 76     5.8  339.0   18.24    0.00

12 24  8 76     7.2   75.4   19.93    0.00

13 24  8 76     6.2   10.5   21.26    0.00

14 24  8 76     7.2  301.3   23.14    0.00

15 24  8 76    15.6  273.0   20.75    0.00

16 24  8 76    11.6  237.3   22.93    0.00

17 24  8 76     3.2  353.7   23.23    0.00

18 24  8 76     5.5  352.4   22.66    0.00

19 24  8 76     4.4  345.8   20.91    0.00

20 24  8 76     4.2  266.4   19.70    0.00

21 24  8 76     3.1  279.4   15.34    0.00

22 24  8 76     3.2  272.7   17.91    0.00

23 24  8 76     3.1  253.2   16.65    0.00
```

```
[illegible] OIL SPILL PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WSPD  WDIR    ATMP     PRCP
++ ++ ++ ++   +-------------------------------+

 0 25  8 76      4.7  2[illegible].4   1[illegible].6[illegible]     0.00

 1 25  8 76      4.4  263.4   17.33     0.00

 2 25  8 76      3.3  1[illegible].7   17.37     0.00

 3 25  8 76      3.7  257.7   17.42     0.00

 4 25  8 76      3.2  2[illegible].1   16.99     0.00

 5 25  8 76      4.1  [illegible]42.[illegible]   15.0[illegible]     0.00

 6 25  8 76      3.[illegible]  227.1   13.74     0.00

 7 25  8 76      2.9  [illegible].7   17.[illegible]4     0.00

 8 25  8 76      4.7  [illegible]2.7   15.[illegible]4     0.00

 9 25  8 76      4.6  12[illegible].[illegible]   20.[illegible]0     0.00

10 25  8 76      7.2   72.2   22.65     0.00

11 25  8 76      7.9  251.9   23.31     0.00

12 25  8 76     10.3  2[illegible]5.[illegible]   23.72     0.00

13 25  8 76      7.5  227.6   24.22     0.00

14 25  8 76      8.5  255.7   23.47     0.00

15 25  8 76     10.3  2[illegible]5.[illegible]   23.23     0.00

16 25  8 76     10.7  2[illegible]2.2   23.15     0.00

17 25  8 76      [illegible].7  21[illegible].[illegible]   24.64     0.00

18 25  8 76      7.4  243.3   24.61     0.00

19 25  8 76     10.5  274.2   22.87     0.00

20 25  8 76     11.4  214.9   21.35     0.00

21 25  8 76     11.[illegible]  212.2   20.81     0.00

22 25  8 76     10.4  22[illegible].3   20.72     0.00

23 25  8 76     10.1  2[illegible]3.4   21.3[illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR  DY  MO  YR    WS10  WDR10   AT10     PREC
++  ++  ++  ++   +-----------------------------+

 0  26   8  76    14.8  229.0   21.95    0.00

 1  26   8  76    15.2  218.3   21.52    0.00

 2  26   8  76    13.7  215.3   20.18    0.00

 3  26   8  76    14.4  221.3   19.45    0.00

 4  26      76    14.[illegible]  218.[illegible]   18.71    0.00

 5  26   8  76    17.3  231.1   15.95    0.00

 6  26   8  76    13.2  244.9   17.59    0.00

 7  26   8  76     9.2  241.0   19.11    0.00

    26   8  76    15.8  233.5   21.01    0.00

 9  26   8  76    15.3  224.3   21.77    0.00

10  26   8  76    15.7  224.5   21.81    0.[illegible]

11  26   8  76    16.3  226.6   22.61    0.[illegible]

12  26   8  76    20.2  277.5   18.[illegible]    0.00

13  26      76    15.1  2[illegible]3.5   21.[illegible]4     .[illegible]

14  26   8  76    24.0  257.4   23.16    0.00

15  26   8  76    24.[illegible]  235.[illegible]   24.19    0.00

16  26   8  76    19.5  224.3   24.67    0.00

17  26   8  76    16.4  236.5   23.[illegible]    0.00

18  26   8  76    27.7  235.7   13.76    0.[illegible]

19  26   8  76     4.3  255.7   12.37    0.04

20  26   8  76     9.1  146.4   10.89    0.00

21  26   8  76     3.6  3[illegible].    10.77    0.00

22  26   8  76     4.9  223.2   10.53    0.00

23  26   8  76     4.2    5.5   10.43    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

         METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR    ATEMP    PREC
** ** ** **   +------------------------------+

 0 27  8 76     4.8  [illegible]  [illegible]  [illegible]
 1 27  8 76     [illegible]  [illegible]  9.84  0.00
 2 27  8 76     [illegible]  [illegible]  [illegible]  [illegible]
 3 27  8 76     [illegible]  [illegible]  8.69  [illegible]
 4 27  8 76     3.5  [illegible]  [illegible]  0.00
 5 27  8 76     3.6  [illegible]  7.22  [illegible]
 6 27  8 76     [illegible]  [illegible]  [illegible].17  [illegible]
 7 27  8 76     [illegible]  21.3  [illegible]  0.00
 8 27  8 76     [illegible]  [illegible]  [illegible]  [illegible]
 9 27  8 76     [illegible]  [illegible]  10.[illegible]  [illegible]
10 27  8 76     5.4  [illegible]  11.97  [illegible]
11 27  8 76     [illegible]  [illegible]  13.55  0.00
12 27  8 76     4.5  [illegible]  15.65  [illegible]
13 27  8 76     6.3  21.[illegible]  17.55  [illegible]
14 27  8 76     7.4  292.5  18.[illegible]  [illegible]
15 27  8 76     7.4  [illegible]  19.5[illegible]  [illegible]
16 27  8 76     [illegible]  [illegible]  [illegible]  [illegible]
17 27  8 76     7.5  [illegible]  20.23  0.00
18 27  8 76     [illegible]  [illegible]  16.[illegible]  [illegible]
19 27  8 76     6.1  [illegible]  17.2[illegible]  0.00
20 27  8 76     3.2  [illegible]  15.64  0.00
21 27  8 76     3.2  [illegible]  15.4[illegible]  0.00
22 27  8 76     4.4  [illegible]  14.67  0.00
23 27  8 76     [illegible]  274.6  15.28  [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
H  DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 28  9 76    3.1  271.2   14.50    0.00

 1 28  9 76    4.3  262.3   14.09    0.00

 2 28  9 76    3.5  284.0   13.36    0.00

 3 28  9 76    3.0  311.0   13.02    0.00

 4 28  9 76    3.7  245.2   11.73    0.00

 5 28  9 76    3.5  273.9   11.24    0.00

 6 28  9 76    5.2  263.2   12.10    0.00

 7 28  9 76    2.4  231.7   13.17    0.00

 8 28  9 76    3.3  344.7   15.21    0.00

 9 28  9 76    4.5   34.4   16.64    0.00

10 28  9 76    5.    90.6   18.42    0.00

11 28  9 76    5.4   36.9   19.75    0.00

12 28  9 76    5.3   17.6   21.14    0.00

13 28  9 76    7.0   27.5   22.45    0.00

14 28  9 76    6.    51.0   22.59    0.00

15 28  9 76    9.0   23.3   23.36    0.00

16 28  9 76    8.5   12.9   23.7     0.00

17 28  9 76    8.4  354.1   23.68    0.00

18 28  9 76    7.1  321.8   23.10    0.00

19 28  9 76    8.0  294.5   20.11    0.00

20 28  9 76    5.4  233.2   19.04    0.00

21 28  9 76    4.   273.9   13.72    0.00

22 28  9 76    3.7  274.0   13.78    0.00

23 28  9 76    3.7  252.9   15.75    0.00
```

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	29	[illegible]	76	5.1	[illegible]7.6	12.46	0.00
1	29	[illegible]	76	4.1	216.1	10.14	0.00
2	29	[illegible]	76	[illegible]	224.1	17.54	0.00
3	29	[illegible]	76	4.5	279.7	15.59	0.00
4	29	[illegible]	76	2.2	[illegible]	16.07	0.00
5	29	[illegible]	76	4.7	94.1	14.60	0.00
6	29	[illegible]	76	3.3	[illegible]	14.34	0.00
7	29	[illegible]	76	3.4	[illegible]	17.16	0.00
8	29	[illegible]	76	4.5	[illegible]	19.46	0.00
9	29	[illegible]	76	4.3	77.4	20.76	0.00
10	29	[illegible]	76	7.5	[illegible]	22.13	0.00
11	29	[illegible]	76	5.4	294.1	23.06	0.00
12	29	[illegible]	76	7.3	195.7	24.07	0.00
13	29	[illegible]	76	7.2	271.9	23.91	0.00
14	29	[illegible]	76	12.1	271.1	25.34	0.00
15	29	[illegible]	76	21.[illegible]	267.6	22.92	0.00
16	29	[illegible]	76	13.3	277.7	23.71	0.00
17	29	[illegible]	76	13.5	295.[illegible]	24.42	0.00
18	29	[illegible]	76	10.6	239.5	24.44	0.00
19	29	[illegible]	76	8.2	299.[illegible]	21.65	0.00
20	29	[illegible]	76	9.5	253.4	19.79	0.00
21	29	[illegible]	76	11.5	241.1	19.99	0.00
22	29	[illegible]	76	[illegible].4	251.7	19.31	0.00
23	29	[illegible]	76	4.4	213.[illegible]	19.16	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 30  8 76     5.   219.7   17.55     0.00

 1 30  8 76     9.3  222.5   17.34     0.00

 2 30  8 76     7.5  265.4   16.67     0.00

 3 30  8 76    11.0  258.0   16.60     0.00

 4 30  8 76     8.0  255.4   16.31     0.00

 5 30  8 76    15.5  263.1   17.55     0.00

 6 30  8 76    13.2  253.4   16.54     0.00

 7 30  8 76     5.6   40.4   17.63     0.00

 8 30  8 76     5.2  282.3   19.41     0.00

 9 30  8 76     5.4  132.7   21.24     0.00

10 30  8 76     5.4  221.2   21.73     0.00

11 30  8 76    10.7  312.4   22.55     0.00

12 30  8 76    13.1  312.3   23.54     0.00

13 30  8 76    12.3  287.1   23.7      0.00

14 30  8 76    15.2  301.8   24.01     0.00

15 30  8 76    14.7    3.0   23.73     0.00

16 30  8 76    10.3  303.9   23.17     0.00

17 30  8 76    16.6  292.3   21.99     0.00

18 30  8 76     9.3  285.0   21.75     0.00

19 30  8 76     6.2  275.1   20.5      0.00

20 30  8 76    14.4  311.9   20.19     0.00

21 30  8 76    11.3   59.4   17.45     0.00

22 30  8 76    10.5  137.2   16.27     0.00

23 30  8 76     7.3  147.0   15.2      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10     AT1      PREC
++ ++ ++ ++   +-----------------------------------+

 0 31  8 76      2.7  298.1    13.76     0.00

 1 31  8 76      3.9  251.2    14.17     0.00

 2 31  8 76      4.6  274.5    14.34     0.00

 3 31  8 76      3.1  212.2    13.82     0.00

 4 31  8 76      5.7  290.6    12.75     0.00

 5 31  8 76      3.5  341.3    12.37     0.00

 6 31  8 76      3.5  234.5    11.44     0.00

 7 31  8 76      4.1  351.3    12.22     0.00

 8 31  8 76      5.2    1.7    13.06     0.00

 9 31  8 76      7.1   24.1    15.4      0.00

10 31  8 76      6.3   45.1    16.34     0.00

11 31  8 76      9.1   33.4    18.21     0.00

12 31  8 76     11.4   20.1    19.15     0.00

13 31  8 76     11.7   26.7    19.85     0.00

14 31  8 76     12.4   12.7    20.35     0.00

15 31  8 76      9.1   12.0    20.62     0.00

16 31  8 76     13.1    1.5    21.12     0.00

17 31  8 76     15.1  355.5    20.53     0.00

18 31  8 76     12.2   10.3    20.00     0.00

19 31  8 76     10.0   24.1    18.24     0.00

20 31  8 76      7.7    6.1    16.62     0.00

21 31  8 76      7.9   28.2    15.66     0.00

22 31  8 76      4.8    9.5    14.81     0.00

23 31  8 76      4.2  334.3    13.54     0.00
```

B.1.3

METEOROLOGICAL DATA LISTING FOR SITE 3
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
 HR  DY  MO  YR     WS10  WDR10    AT10      PREC
 ++  ++  ++  ++    +--------------------------------+

  0   1   6  76      6.0  272.7     3.47     0.00

  1   1   6  76      5.2  272.6     3.74     0.00

  2   1   6  76      4.9  273.7     4.45     0.00

  3   1   6  76      5.7  233.9     3.43     0.00

  4   1   6  76      5.1  263.2     2.55     0.00

  5   1   6  76      6.0  277.8     2.62     0.00

  6   1   6  76      5.5  223.2     5.91     0.00

  7   1   6  76      2.3  232.7    12.63     0.00

  8   1   6  76      2.0  139.2    17.15     0.00

  9   1   6  76      4.2  337.3  [illegible]  0.00

 10   1   6  76     12.7  246.2    21.59     0.00

 11   1   6  76     13.6  228.9    22.05     0.00

 12   1   6  76     14.4  243.9    22.64     0.00

 13   1   6  76     15.5  244.5    23.57     0.00

 14   1   6  76     13.5  244.5    23.07     0.00

 15   1   6  76     13.3  248.7    23.65     0.00

 16   1   6  76     11.4  243.1    23.42     0.00

 17   1   6  76     12.5  246.7    24.11     0.00

 18   1   6  76     11.0  242.6    23.74     0.00

 19   1   6  76      7.1  252.4    21.32     0.00

 20   1   6  76      7.2  292.4    14.66     0.00

 21   1   6  76      7.2  278.3    12.74     0.00

 22   1   6  76      7.2  273.2    10.61     0.00

 23   1   6  76      7.4  270.3    10.37     0.00
```

```
[illegible] PROJECT SITE THREE

        METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR    ATMP      PREC
++ ++ ++ ++   +------------------------------+

 0  2  6 76     7.8 [illegible] [illegible] [illegible]

 1  2  6 76    14.5 [illegible]   .72  [illegible]

 2  2  6 76     5.[illegible] [illegible] 3.38 [illegible]

 3  2  6 76  [illegible] 277.[illegible] 4.96 [illegible]

 4  2  6 76    15.8 [illegible]  4.57    0.00

 5  2  6 76     6.1 [illegible]  5.72    0.00

 6  2  6 76     5.[illegible] 278.5  7.14  0.00

 7  2  6 76     1.5 [illegible] 14.31    0.00

 8  2  6 76     5.[illegible] [illegible] 19.39 0.00

 9  2  6 76  [illegible] 234.4  22.31   0.00

10  2  6 76     9.[illegible] [illegible] 22.27 0.00

11  2  6 76    14.[illegible] 235.0 24.16 0.00

12  2  6 76    17.[illegible] 244.7 24.30 0.00

13  2  6 76    18.5  244.3  24.18    0.00

14  2  6 76    12.[illegible] 245.5 24.85 0.00

15  2  6 76    17.[illegible] 243.1 24.95 0.00

16  2  6 76    15.7 [illegible] 24.79  0.00

17  2  6 76    12.1 [illegible] 23.86  0.00

18  2  6 76  [illegible] 213.6  23.77   0.00

19  2  6 76     5.[illegible] 206.[illegible] 23.11 0.00

20  2  6 76  [illegible] [illegible] 15.2[illegible] 0.00

21  2  6 76  [illegible] [illegible] 12.52 0.00

22  2  6 76     5.1 [illegible] 10.36  0.00

23  2  6 76  [illegible] [illegible] 9.44 [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0   3   6  76      [illegible].7  2[illegible].6    8.32     0.00

 1   3   6  76      5.1  267.6    6.3[illegible]     0.00

 2   3   6  76      7.2  272.0    6.33     0.00

 3   3   6  76      4.6  261.7    5.67     0.00

 4   3   6  76      4.4  257.9    6.14     0.00

 5   3   6  76      6.3  274.5    6.57     0.00

 6   3   6  76      5.5  281.5    [illegible].15     0.00

 7   3   6  76      3.2   [illegible]3.0   13.32     0.00

 8   3   6  76      4.7   77.4   18.12     0.00

 9   3   6  76      7.1  196.9   22.53     0.00

10   3   6  76     1[illegible].3  193.[illegible]   23.31     0.00

11   3   6  76     14.3  233.9   23.[illegible]     0.00

12   3   6  76     12.2  241.9   23.33     0.00

13   3   6  76     14.3  222.1   23.77     0.00

14   3   6  76     11.5  225.1   23.92     0.00

15   3   6  76     14.[illegible]  247.9   23.85     0.00

16   3   6  76     11.[illegible]  231.[illegible]   23.46     0.00

17   3   6  76     11.2  239.1   23.7[illegible]     0.00

18   3   6  76     11.[illegible]  241.6   24.[illegible]1     0.00

19   3   6  76      5.2  247.1   22.61     0.00

20   3   6  76      5.[illegible]  236.5   14.9[illegible]     0.00

21   3   6  76      7.1  2[illegible].5   12.97     0.00

22   3   6  76      7.4  244.5   12.51     0.00

23   3   6  76      6.[illegible]  291.[illegible]   11.72     0.00
```

```
[illegible] PROJECT  SIT  TAPES

      METEOROLOGICAL DATA
[illegible]                  [illegible]  [illegible]  AT10   [illegible]
++ ++ ++ ++   +------------------------------+

 0  4  6 76      5.[illegible] [illegible]   3.59   0.00

 1  4  6 76   [illegible] [illegible]   5.73   0.00

 2  4  6 76   [illegible] [illegible]   6.95   0.00

 3  4  6 76   [illegible] [illegible]   7.74   0.00

 4  4  6 76      7.3  273.4     7.60   0.00

 5  4  6 76      1.[illegible] 312.[illegible]    5.13   0.00

 6  4  6 76      1.4  [illegible]   7.41   0.00

 7  4  6 76   [illegible]   54.[illegible]   13.87   0.00

 8  4  6 76   [illegible] 213.[illegible]   20.17   0.00

 9  4  6 76   [illegible] 214.5    21.2[illegible]   0.00

10  4  6 76     11.3  [illegible]   21.7[illegible]   0.00

11  4  6 76     13.3  224.[illegible]   22.55   0.00

12  4  6 76     15.[illegible] 239.4    22.64   0.00

13  4  6 76     15.[illegible] 234.[illegible]   23.45   0.00

14  4  6 76     18.[illegible] 252.5    23.[illegible]   0.00

15  4  6 76     16.[illegible] 236.[illegible]   23.9[illegible]   0.00

16  4  6 76     14.[illegible] 254.5    24.3[illegible]   0.00

17  4  6 76   [illegible] 233.6    23.30   0.00

18  4  6 76   [illegible] 262.[illegible]   23.35   0.00

19  4  6 76   [illegible] 259.1    21.60   0.00

20  4  6 76   [illegible] 229.3    14.00   0.00

21  4  6 76      6.9  [illegible]   11.58   0.00

22  4  6 76   [illegible] [illegible]   10.77   0.00

23  4  6 76   [illegible] [illegible]   12.31   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   5   6  76      7.1  262.6     5.77      .00

 1   5   6  76      5.1  279.6     7.57     0.00

 2   5   6  76      6.4  282.6     5.63     0.00

 3   5   6  76      7.0  275.5     5.52     0.00

 4   5   6  76      5.0  279.1     3.74     0.00

 5   5   6  76      7.1  271.2     3.71     0.00

 6   5   6  76      4.3  275.5     7.41     0.00

 7   5   6  76      1.3  332.6    15.37     0.00

 8   5   6  76      1.5   61.4    17.65     0.00

 9   5   6  76      4.2  [illegible]    21.13     0.00

10   5   6  76      4.0   76.4    22.93     0.00

11   5   6  76      3.2  143.4    23.09     0.00

12   5   6  76      2.2  171.5    24.24     0.00

13   5   6  76      2.5  193.2    24.81     0.00

14   5   6  76     14.5  253.4    24.70     0.00

15   5   6  76     15.3  252.4    24.95      .00

16   5   6  76     13.7  243.9    25.23     0.00

17   5   6  76     11.0  241.5    25.13     0.00

18   5   6  76     10.4  233.4    24.37     0.00

19   5   6  76      6.7  256.4    23.37     0.00

20   5   6  76      6.0  273.5    15.32     0.00

21   5   6  76      6.0  263.1    12.79     0.00

22   5   6  76      4.2  255.3    11.91     0.00

23   5   6  76      5.4  244.5    11.92      .00
```

RIO BLANCO OIL SHALE PROJECT SITE [illegible]

METEOROLOGICAL DATA

HR	MO	DY	YR	WS	WD	AT	PREC
[illegible]	6	6	76	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	6	76	[illegible]	[illegible]	7.72	[illegible]
[illegible]	6	6	76	5.5	[illegible]	5.65	[illegible]
[illegible]	6	6	76	[illegible]	[illegible]	7.44	0.00
4	6	6	76	7.5	[illegible]	5.60	0.00
5	6	6	76	[illegible]	[illegible]	5.13	0.00
[illegible]	6	6	76	5.1	[illegible]	[illegible]	[illegible]
7	6	6	76	2.2	235.5	[illegible]	0.00
[illegible]	6	6	76	[illegible]	[illegible]	21.23	0.00
[illegible]	6	6	76	11.4	[illegible]	[illegible]	[illegible]
10	6	6	76	[illegible]	[illegible]	21.84	[illegible]
11	6	6	76	[illegible]	[illegible]	22.71	[illegible]
12	6	6	76	14.4	[illegible]	23.02	[illegible]
13	6	6	76	10.3	247.7	[illegible]	0.00
14	6	6	76	9.3	254.2	24.10	0.00
15	6	6	76	12.3	242.4	24.01	0.00
16	6	6	76	[illegible]	[illegible]	23.47	[illegible]
17	6	6	76	7.2	217.4	23.11	0.00
18	6	6	76	9.6	[illegible]	21.76	0.00
19	6	6	76	8.4	[illegible]	21.14	0.00
20	6	6	76	[illegible]	[illegible]	18.76	0.00
21	6	6	76	4.2	[illegible]	14.09	0.00
22	6	6	76	6.6	[illegible]	11.06	0.00
23	6	6	76	4.1	[illegible]	12.15	[illegible]

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR  DY MO YR     WS10  WDR10    AT10     PREC
++  ++ ++ ++    +----------------------------+

 0   7  6 76      5.4  294.0    9.33     0.00

 1   7  6 76      8.4  291.2    7.85     0.00

 2   7  6 76      6.7  285.1    7.77     0.00

 3   7  6 76      7.2  274.9    5.94     0.00

 4   7  6 76      7.5  272.5    5.46     0.00

 5   7  6 76      6.4  257.8    4.84     0.00

 6   7  6 76      5.2  292.5    7.90     0.00

 7   7  6 76      2.5   54.1   14.07     0.00

 8   7  6 76      4.1   51.4   17.04     0.00

 9   7  6 76      3.     66.5   20.41     0.00

10   7  6 76      5.2   45.9   21.32     0.00

11   7  6 76      5.1  275.1   23.40     0.00

12   7  6 76     13.7  245.5   23.72     0.00

13   7  6 76     15.   243.    24.55     0.00

14   7  6 76     12.1  236.9   23.40     0.00

15   7  6 76     10.8  234.6   24.42     0.00

16   7  6 76     12.1  238.3   24.05     0.00

17   7  6 76     11.4  255.6   25.71     0.00

18   7  6 76     13.4  251.4   25.10     0.00

19   7  6 76      7.1  252.1   22.73     0.00

20   7  6 76      4.7  271.1   16.32     0.00

21   7  6 76      5.1  276.     13.39     0.00

22   7  6 76      7.   270.2   11.97     0.00

23   7  6 76      5.3  244.4   12.42     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

         METEOROLOGICAL DATA
HR DA MO YR    WS10  WD10    AT10    PREC
** ** ** **   +-----------------------------+

 0  8  6 76     7.5  288.0   12.39    0.00
 1  8  6 76     5.5  267.4   11.37    0.00
 2  8  6 76     5.2  275.3    7.94    0.00
 3  8  6 76     6.4  237.0    7.05    0.00
 4  8  6 76     6.3  259.3    7.46    0.00
 5  8  6 76     7.3  272.0    7.23    0.00
 6  8  6 76     3.6  222.5    9.51    0.00
 7  8  6 76     2.1   64.0   14.26    0.00
 8  8  6 76     7.7  244.0   20.92    0.00
 9  8  6 76    13.5  242.1   22.43    0.00
10  8  6 76    14.2  225.1   23.51    0.00
11  8  6 76    11.9  250.3   23.62    0.00
12  8  6 76    12.6  245.4   23.92    0.00
13  8  6 76    13.1  242.7   24.77    0.00
14  8  6 76    13.6  248.0   24.42    0.00
15  8  6 76    12.7  247.5   24.36    0.00
16  8  6 76     9.1  190.2   23.97    0.00
17  8  6 76     5.6  224.4   24.42    0.00
18  8  6 76     7.6  165.3   21.92    0.00
19  8  6 76     5.7  192.0   21.03    0.00
20  8  6 76     5.5  228.2   19.61    0.00
21  8  6 76     4.7  265.2   17.44    0.00
22  8  6 76     7.1  253.7   16.45    0.00
23  8  6 76     4.7  221.0   13.24    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE TAPES

              METEOROLOGICAL DATA
 HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  9  6 76     7.2  286.4   10.45     0.00

 1  9  6 76     4.5  292.6    8.59     0.00

 2  9  6 76     7.0  286.5    7.87     0.00

 3  9  6 76     8.2  293.9    8.31     0.00

 4  9  6 76     7.7  296.1    7.56     0.00

 5  9  6 76     2.2  253.4    6.87     0.00

 6  9  6 76     2.0  267.7    [illegible]     0.00

 7  9  6 76     5.0   79.1   14.39     0.00

 8  9  6 76    10.4  232.5   20.75     0.00

 9  9  6 76    12.5  231.5   21.75     0.00

10  9  6 76    14.4  232.7   22.30     0.00

11  9  6 76    17.0  255.1   [illegible]     0.00

12  9  6 76    15.5  244.1   23.56     0.00

13  9  6 76    16.5  241.2   23.95     0.00

14  9  6 76    17.2  241.4   24.37     0.00

15  9  6 76    16.4  246.8   24.75     0.00

16  9  6 76     9.0  207.9   25.07     0.00

17  9  6 76    13.2  251.4   [illegible]     0.00

18  9  6 76    12.1  240.2   24.61     0.00

19  9  6 76     9.7  250.7   23.22     0.00

20  9  6 76     7.1  290.6   15.63     0.00

21  9  6 76     6.7  257.1   13.61     0.00

22  9  6 76     7.5  275.1   11.51     0.00

23  9  6 76     7.7  272.0   10.74     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

         METEOROLOGICAL DATA
HR DY MO YR    WSPD   WDIR   [illegible]   PREC
++ ++ ++ ++    +--------------------------------+

 0 19  6 76     1.6  [illegible]  10.28   [illegible]

 1 19  6 76     7.5  [illegible]   9.16    0.00

 2 19  6 76     9.6  [illegible]   8.10   [illegible]

 3 19  6 76     6.7  [illegible]   7.36    0.00

 4 19  6 76  [illegible]  251.4    5.12   [illegible]

 5 19  6 76  [illegible]  254.3    9.06   [illegible]

 6 19  6 76     1.2  [illegible]  11.75   [illegible]

 7 19  6 76     9.2  [illegible]  17.58   [illegible]

 8 19  6 76  [illegible]  196.3   19.24   [illegible]

 9 19  6 76  [illegible]  187.2   20.70   [illegible]

10 19  6 76  [illegible]  [illegible]  21.6[illegible]  [illegible]

11 19  6 76     9.1  186.1   22.27    0.00

12 19  6 76    16.1  221.3   23.29    0.00

13 19  6 76    14.1  251.6   24.37    0.00

14 19  6 76    15.5  213.7   24.86    0.00

15 19  6 76    17.8  226.3   25.27    0.00

16 19  6 76    12.[illegible]  193.1   24.74    0.00

17 19  6 76    12.5  211.3   24.65    0.00

18 19  6 76    12.3  192.[illegible]   24.27    0.00

19 19  6 76    14.6  220.3   23.56    0.00

20 19  6 76    10.3  212.2   21.49    0.00

21 19  6 76    13.7  237.1   21.08    0.00

22 19  6 76     9.4  242.1   19.63    0.00

23 19  6 76     6.7  225.4   15.99    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PRCP
++ ++ ++ ++   +------------------------------+

 0 11  6 76     7.0  277.4   14.00    0.00

 1 11  6 76     7.1  295.7   10.42    0.00

 2 11  6 76     6.7  [illegible]    8.35    0.00

 3 11  6 76     4.6  274.7    [illegible]    0.00

 4 11  6 76     7.0  [illegible]   [illegible]   [illegible]

 5 11  6 76     7.2  254.6    9.9[illegible]    0.00

 6 11  6 76     5.5  229.7   11.57    0.00

 7 11  6 76    14.6  237.1   12.68    0.00

 8 11  6 76    13.6  222.6   13.16    0.00

 9 11  6 76    14.1  235.1   13.43    0.00

10 11  6 76    13.[illegible]  229.4   13.65    0.00

11 11  6 76    13.[illegible]  2[illegible]3.2   14.12    0.00

12 11  6 76    15.5  244.7   13.91    0.00

13 11  6 76    17.4  238.[illegible]   15.31    0.0[illegible]

14 11  6 76    16.3  221.2   15.[illegible]4    0.00

15 11  6 76    15.[illegible]  230.4   15.75    0.00

16 11  6 76    13.6  245.3   15.14    0.00

17 11  6 76    15.5  257.1   14.[illegible]    0.11

18 11  6 76    1[illegible].4  243.7   13.84    0.0[illegible]

19 11  6 76     5.1  326.5    9.01    0.14

20 11  6 76     6.[illegible]  249.7    6.75    0.03

21 11  6 76    13.[illegible]  27[illegible].[illegible]    5.[illegible]    0.05

22 11  6 76     7.2  249.8    5.65    0.[illegible]2

23 11  6 76     4.2  256.8    5.54    0.00
```

```
[illegible] OIL SPILL PROJECT [illegible]

          [illegible]
[illegible]
-- -- -- --   +-------------------------------+

 0 12  6 76    [illegible] [illegible]   5.64   [illegible]

 1 12  6 76     3.2  245.7    6.02   0.00

 2 12  6 76     7.8  [illegible]   5.47   [illegible]

 3 12  6 76     5.2  264.[illegible]   5.44   0.00

 4 12  6 76     4.1  271.1    5.15   0.00

 5 12  6 76     7.   265.5    5.50   [illegible]

 6 12  6 76     3.2  [illegible]   5.75   0.00

 7 12  6 76     9.4  257.8    7.34   0.00

 8 12  6 76    14.1  265.7    9.34   0.00

 9 12  6 76    15.4  264.    10.91   0.00

10 12  6 76    12.2  258.9   12.06   0.00

11 12  6 76    13.5  265.3   13.73   0.00

12 12  6 76    17.2  271.3   15.06   0.00

13 12  6 76    12.[illegible]  257.9   15.21   0.00

14 12  6 76    13.   255.5   15.41   0.00

15 12  6 76     9.2  273.4   15.61   0.00

16 12  6 76    10.2  231.[illegible]   15.74   0.00

17 12  6 76    10.4  237.4   15.94   0.00

18 12  6 76     8.1  245.5   16.35   0.00

19 12  6 76     7.1  24[illegible].1   15.66   0.00

20 12  6 76     7.   251.1   12.93   0.00

21 12  6 76     3.1  275.[illegible]   12.24   0.00

22 12  6 76     5.6  283.4    9.13   0.00

23 12  6 76     4.1  307.     7.33   1.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	6	76	5.9	277.1	9.36	0.00
1	13	6	76	6.6	270.8	8.22	0.00
2	13	6	76	7.2	281.7	6.33	0.00
3	13	6	76	6.7	291.3	5.19	0.00
4	13	6	76	6.1	272.0	3.54	0.00
5	13	6	76	4.5	275.6	3.13	0.00
6	13	6	76	6.2	223.5	6.17	0.00
7	13	6	76	6.1	263.1	12.01	0.00
8	13	6	76	3.4	219.0	14.75	0.00
9	13	6	76	5.9	225.7	17.19	0.00
10	13	6	76	15.0	235.0	18.41	0.00
11	13	6	76	24.5	241.9	19.71	0.00
12	13	6	76	14.7	236.4	19.34	0.00
13	13	6	76	13.2	253.1	18.41	0.00
14	13	6	76	17.5	252.1	13.73	0.00
15	13	6	76	15.5	266.9	17.54	0.00
16	13	6	76	13.1	288.9	16.86	0.00
17	13	6	76	13.4	312.5	13.39	0.00
18	13	6	76	10.9	294.0	11.15	0.00
19	13	6	76	11.5	50.9	1.70	.01
20	13	6	76	2.4	57.9	-1.01	0.01
21	13	6	76	2.2	77.1	-1.69	0.00
22	13	6	76	3.4	109.6	-1.35	0.00
23	13	6	76	4.1	93.5	-1.91	0.01

```
[illegible] SITE [illegible]

         [illegible]OROLOGICAL DATA
[illegible]
++ ++ ++ ++   +------------------------------------+

 0 14  6 76     5.[illegible]  11[illegible]    -[illegible].[illegible]1   [illegible]

 1 14  6 76     6.[illegible]  1[illegible]3.1   -2.14    [illegible]

 2 14  6 76     [illegible]  [illegible]   -2.11    [illegible]

 3 14  6 76     5.[illegible]  [illegible]   -5.[illegible]    0.[illegible]

 4 14  6 76     5.[illegible]  [illegible].4   -[illegible].4[illegible]    [illegible].[illegible]1

 5 14  6 76     5.[illegible]  2[illegible]1.[illegible]   -7.[illegible]    [illegible]

 6 14  6 76     5.4  [illegible]1.1   -4.[illegible]    [illegible]

 7 14  6 76     7.4  [illegible]4[illegible].7   -[illegible].41    1.[illegible]1

 8 14  6 76    11.0  [illegible]   1.20    [illegible]4

 9 14  6 76    [illegible]  2[illegible]4.9    2.[illegible]    [illegible].11

10 14  6 76    1[illegible].6  25[illegible].4    5.97    [illegible].1[illegible]

11 14  6 76    [illegible]  245.[illegible]    5.[illegible]7    [illegible]

12 14  6 76    1[illegible].5  [illegible].6    7.5[illegible]    [illegible]

13 14  6 76    12.[illegible]  2[illegible]9.2    [illegible].5[illegible]    [illegible]

14 14  6 76    11.[illegible]  3[illegible].[illegible]    [illegible].[illegible]    [illegible]

15 14  6 76    11.1  274.9   10.61    [illegible]

16 14  6 76    1[illegible].[illegible]  [illegible]7.[illegible]   11.[illegible]    [illegible]

17 14  6 76     7.4  31[illegible].[illegible]   11.56    0.[illegible]

18 14  6 76     7.[illegible]  3[illegible]   11.4[illegible]    [illegible]

19 14  6 76     5.5   [illegible]9.[illegible]   10.45    [illegible]

20 14  6 76     4.2   [illegible]2.[illegible]    [illegible]    [illegible]

21 14  6 76     4.[illegible]  2[illegible].[illegible]    4.[illegible]    [illegible]

22 14  6 76     [illegible]  2[illegible].7    2.4[illegible]    [illegible]

23 14  6 76     7.[illegible]  2[illegible]1.4    1.2[illegible]    [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 15  6 76      7.1  293.3    1.02     0.00

 1 15  6 76      7.1  299.2    0.39     0.00

 2 15  6 76      9.0  279.1    0.51     0.00

 3 15  6 76      6.7  290.6    1.30     0.00

 4 15  6 76      6.5  287.5    0.61     0.00

 5 15  6 76      5.9  291.7    0.66     0.00

 6 15  6 76      4.1  291.5    1.89     0.00

 7 15  6 76 [illegible]  10.3  6.74     0.00

 8 15  6 76 [illegible]  30.7  9.19     0.00

 9 15  6 76      5.4   75.8   10.72     0.00

10 15  6 76      4.9  221.7   11.76     0.00

11 15  6 76      7.7  123.1   12.22     0.00

12 15  6 76      5.1  346.9   14.03     0.00

13 15  6 76 [illegible] [illegible] 15.67 0.00

14 15  6 76 [illegible] 229.7 16.19    0.00

15 15  6 76      8.2  227.4   18.13     0.00

16 15  6 76      9.5  252.9   19.10     0.00

17 15  6 76      9.2  267.1   19.66     0.00

18 15  6 76      7.7  246.3   19.42     0.00

19 15  6 76      9.4  231.8   16.31     0.00

20 15  6 76      6.9  272.0   12.21     0.00

21 15  6 76      7.7 [illegible] 9.89   0.00

22 15  6 76      5.9  296.7    8.53     0.00

23 15  6 76      8.7  267.5    8.05     0.00
```

```
[illegible]

             [illegible]
[illegible]
++ ++ ++ ++    +------------------------------+

 0 16  6 76     5.5  249.1     8.27      0.[illegible]
 1 16  6 76     4.4  [illegible]     7.71      0.[illegible]
 2 16  6 76     2.9   74.6     6.56      0.[illegible]
 3 16  6 76     5.9  165.6     6.76      0.00
 4 16  6 76     [illegible]  264.9     7.35      0.[illegible]
 5 16  6 76     6.0  245.1     8.03      0.[illegible]
 6 16  6 76     3.4   94.2     8.24      0.00
 7 16  6 76     7.2  252.[illegible]    14.19      0.00
 8 16  6 76     5.1  253.1    15.47      0.[illegible]
 9 16  6 76     8.1  [illegible]    17.25      0.[illegible]
10 16  6 76    17.2  232.2    19.71      0.[illegible]
11 16  6 76    10.[illegible]  253.1    19.15      0.[illegible]
12 16  6 76    16.0  [illegible]    20.9[illegible]      0.00
13 16  6 76    15.4  256.4    20.29      0.00
14 16  6 76    15.7  302.9    20.12      0.00
15 16  6 76    12.6  311.5    18.56      0.[illegible]
16 16  6 76     [illegible]  341.[illegible]    17.35      0.00
17 16  6 76     [illegible].4   72.[illegible]    15.51      0.[illegible]
18 16  6 76     [illegible].4   67.[illegible]    14.97    999.[illegible]
19 16  6 76     2.7   61.3    13.94      0.0[illegible]
20 16  6 76     4.[illegible]   36.1    13.23      0.00
21 16  6 76     4.5  175.2    12.12      0.[illegible]
22 16  6 76     4.7  182.1     7.09      0.[illegible]
23 16  6 76     4.4  251.[illegible]     7.27      0.07
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 17  6 76     3.4  264.9    7.13     0.02

 1 17  6 76     4.3  242.1    6.47     0.00

 2 17  6 76     2.1  297.5    5.37     0.00

 3 17  6 76     2.0  195.1    4.82     0.00

 4 17  6 76     4.4  272.7    4.64     0.00

 5 17  6 76     4.1  236.8    4.69     0.00

 6 17  6 76     2.9  300.2    5.15     0.00

 7 17  6 76     4.6   51.0    5.72     0.00

 8 17  6 76     2.3   35.7    7.16     0.00

 9 17  6 76     5.2   95.2    9.54     0.00

10 17  6 76     5.1   66.7    9.76     0.00

11 17  6 76     5.2  227.7   10.02     0.04

12 17  6 76     6.9  182.1   11.76     0.00

13 17  6 76     8.9  172.2   13.36     0.00

14 17  6 76     9.1  195.5   12.74     0.00

15 17  6 76     4.5  262.5    6.75     0.05

16 17  6 76     3.5  125.3   10.53     0.03

17 17  6 76     3.0   43.9   11.59     0.00

18 17  6 76     3.1  292.1   10.63     0.00

19 17  6 76     1.2  249.7    9.46     0.00

20 17  6 76     2.4  236.9    7.69     0.00

21 17  6 76     5.5  295.6    6.52     0.00

22 17  6 76     3.1   70.5    5.99     0.00

23 17  6 76     4.3  293.0    5.35     0.00
```

```
RIO BLANCO OIL SHALE PROJECT   SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     TEMP   [illegible]   [illegible]    PREC
++ ++ ++ ++    +-----------------------------------+

 0 18  6 76     5.[illegible] [illegible]   [illegible].21    0.[illegible]

 1 18  6 76     5.[illegible]  301.5     3.7[illegible]    0.[illegible]

 2 18  6 76     5.5  2[illegible].[illegible]     3.[illegible]5     [illegible].[illegible]

 3 18  6 76     5.[illegible]  [illegible].6     2.15    0.[illegible]

 4 18  6 76     4.[illegible]  2[illegible].6     1.42    0.0[illegible]

 5 18  6 76     5.1  273.[illegible]     1.22    0.[illegible]

 6 18  6 76     2.[illegible]  [illegible].6     [illegible]      0.[illegible]

 7 18  6 76     3.[illegible]    [illegible]1.4     7.4[illegible]    [illegible].[illegible]

 8 18  6 76     5.7    [illegible].[illegible]    1[illegible].14    0.[illegible]

 9 18  6 76     9.[illegible]  2[illegible].[illegible]    1[illegible].1[illegible]    0.[illegible]

10 18  6 76    15.[illegible]  2[illegible].[illegible]    1[illegible].[illegible]4    0.[illegible]

11 18  6 76    14.[illegible]  2[illegible]1.[illegible]    14.[illegible]1    0.[illegible]

12 18  6 76    13.   2[illegible].1    15.[illegible]    [illegible].[illegible]

13 18  6 76    11.4  277.1    16.[illegible]    0.[illegible]0

14 18  6 76    13.3  2[illegible].[illegible]    16.[illegible]    0.[illegible]

15 18  6 76     9.[illegible]  313.2    17.24    0.[illegible]

16 18  6 76     4.1    [illegible].4    17.[illegible]9    0.0[illegible]

17 18  6 76     5.[illegible]    25.4    1[illegible].[illegible]4    0.0[illegible]

18 18  6 76    1[illegible].[illegible]    [illegible]1.2    17.17    0.0[illegible]

19 18  6 76     7.[illegible]    [illegible]7.[illegible]    1[illegible].56    0.[illegible]

20 18  6 76     2.[illegible]     7.6    12.[illegible]    0.0[illegible]

21 18  6 76     4.[illegible]  25[illegible].[illegible]     [illegible].[illegible]3    0.0[illegible]

22 18  6 76     [illegible].[illegible]  2[illegible].4     [illegible].[illegible]5    0.[illegible]

23 18  6 76     7.[illegible]  [illegible].[illegible]     [illegible].12    0.0[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

   19  6 76      7.2  239.4    5.50     0.00

 1 19  6 76      7.6  292.0    4.77     0.00

 2 19  6 76      6.5  279.2    4.41     0.01

 3 19  6 76      5.0  276.3    3.95     0.00

 4 19  6 76      5.4  279.2    2.76     0.00

 5 19  6 76      5.8  273.4    2.39     0.00

 6 19  6 76      4.3  293.6    5.12     0.00

 7 19  6 76      3.7   64.0   10.16     0.00

 8 19  6 76      5.0   75.4   13.15     0.00

 9 19  6 76      6.5   57.9   16.25     0.00

10 19  6 76      3.6   91.0   [illegible]  0.00

11 19  6 76  [illegible] [illegible]  19.71  0.00

12 19  6 76      7.8  301.7   20.99     0.00

13 19  6 76      5.3  259.7   21.99     0.00

14 19  6 76      9.7  259.9   22.99     0.00

15 19  6 76      9.6  261.5   24.20     0.00

16 19  6 76     10.1  273.3   24.33     0.00

17 19  6 76      7.7  271.6   24.79     0.00

18 19  6 76      7.4  276.5   24.92     0.00

19 19  6 76      3.3  283.5   24.37     0.00

20 19  6 76      3.5  290.7   15.34     0.00

21 19  6 76      7.7  236.5   12.99     0.00

22 19  6 76      3.2  239.5   12.37     0.00

23 19  6 76      5.2  267.5   11.40     0.00
```

```
[illegible] OIL SANDS PROJECT SITE [illegible]

       METEOROLOGICAL DATA
[illegible]                  [illegible]     [illegible]
** ** ** **    +-------------------------------+

[illegible] 6 76     [illegible].1  [illegible]     5.07     [illegible]

[illegible] 6 76     [illegible]   275.4    [illegible].24     [illegible]

[illegible] 6 76     7.[illegible]   [illegible]     5.41     [illegible]

[illegible] 6 76     [illegible]   [illegible]     7.6[illegible]     1.[illegible]

[illegible] 6 76     7.[illegible]   [illegible]     7.72     [illegible]

[illegible] 6 76     5.[illegible]   275.1     6.01     0.00

[illegible] 6 76     4.1   [illegible]     9.[illegible]1     [illegible]

[illegible] 6 76     1.[illegible]   [illegible]    15.12     [illegible]

[illegible] 6 76     3.3    64.5    20.76     [illegible]

[illegible] 6 76     4.[illegible]   14[illegible].2    24.11     [illegible]

10 [illegible] 6 76   12.9   [illegible]    2[illegible].35     [illegible]

11 [illegible] 6 76   16.[illegible]   244.3    27.[illegible]7     [illegible]

12 [illegible] 6 76   15.8   237.2    27.35     [illegible]

13 [illegible] 6 76   13.[illegible]   24[illegible].7    25.13     0.00

14 [illegible] 6 76   17.[illegible]   24[illegible].3    2[illegible].21     [illegible]

15 [illegible] 6 76   1[illegible]   241.[illegible]    23.11     [illegible]

16 [illegible] 6 76   15.[illegible]   [illegible].1    2[illegible].[illegible]4     [illegible]

17 [illegible] 6 76   13.[illegible]   241.[illegible]    2[illegible].2[illegible]     0.[illegible]

[illegible] 6 76   14.1   24[illegible].5    27.10     [illegible]

[illegible] 6 76   11.[illegible]   [illegible]47.3    26.45     0.[illegible]

[illegible] 6 76     [illegible]   [illegible]2.6    22.73     0.[illegible]

[illegible] 6 76     [illegible]   [illegible]3.[illegible]    17.21     0.00

[illegible] 6 76     [illegible]   [illegible].4    17.71     [illegible]

[illegible] 6 76     [illegible]   [illegible]    1[illegible]     [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL  DATA
HR  DY MO YR     WS10  WDR10   AT10     PREC
++  ++ ++ ++    +------------------------------+

     21  6 76      7.6  279.0   15.22     0.00

 1  21  6 76      7.1  281.9   13.94     0.00

 2  21  6 76      7.2  274.9   14.06     0.00

 3  21  6 76      6.2  254.7   13.5[illegible]     0.00

 4  21  6 76      5.[illegible]  292.6   10.34     0.00

 5  21  6 76      7.6  267.1    9.82     0.00

 6  21  6 76      5.5  254.0   10.97     0.00

 7  21  6 76      2.2  262.6   14.65     0.00

 8  21  6 76    999.0  999.0  999.00     0.00

 9  21  6 76    999.0  999.0  999.00     0.00

10  21  6 76    999.0  999.0  999.00     0.00

11  21  6 76    999.0  999.0  999.00     0.00

12  21  6 76    999.0  999.0  999.00     0.00

13  21  6 76    999.0  999.0  999.00     0.00

14  21  6 76    999.0  999.0  999.00     0.00

15  21  6 76    999.0  999.0  999.00     0.00

16  21  6 76    999.0  999.0  999.00     0.00

17  21  6 76     13.[illegible]  251.6   27.70     0.00

18  21  6 76     14.2  247.[illegible]   27.43     0.00

19  21  6 76      [illegible].2  237.6   25.[illegible]     0.00

20  21  6 76      7.6  264.2   19.35     0.00

21  21  6 76      7.[illegible]  232.5   15.60     0.00

22  21  6 76      5.1  258.9   17.59     0.00

23  21  6 76      5.[illegible]  229.4   19.54     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   TEMP   PRECIP
** ** ** **   +--------------------------------+

 0 22  6 76     3.9  185.[illegible]  15.05    [illegible]

 1 22  6 76     4.[illegible]  249.[illegible]  15.17    0.[illegible]

 2 22  6 76     7.1  191.[illegible]  12.37    0.[illegible]

 3 22  6 76     7.4  213.4  17.7[illegible]    [illegible]

 4 22  6 76     3.1  286.9  14.49    0.10

 5 22  6 76    11.9  236.9  12.51    0.01

 6 22  6 76     6.1  273.6  10.73    0.03

 7 22  6 76     4.6   25.6  11.50    0.01

 8 22  6 76     3.[illegible]   19.4  13.25    0.00

 9 22  6 76     7.7   [illegible]3.4  13.66    0.[illegible]

10 22  6 76     7.5   [illegible]5.6  14.34    0.[illegible]

11 22  6 76     7.1   26.9  15.49    0.02

12 22  6 76   999.0  999.0 999.00    0.00

13 22  6 76   999.0  999.0 999.00    0.00

14 22  6 76   999.0  999.0 999.00    0.00

15 22  6 76   999.0  999.0 999.00    0.00

16 22  6 76   999.0  999.0 999.00    0.00

17 22  6 76   999.0  999.0 999.00    0.00

18 22  6 76     6.2   65.[illegible]  10.46    0.00

19 22  6 76     6.2   65.[illegible]  10.46    0.00

20 22  6 76     [illegible]  223.[illegible]  1[illegible].1[illegible]    0.[illegible]

21 22  6 76     [illegible]   59.7   [illegible]    0.05

22 22  6 76     [illegible]  212.1   7.9[illegible]    [illegible]

23 22  6 76     4.[illegible]  [illegible]1.[illegible]   7.[illegible]    0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 23  6 76      4.1  269.6    6.94     0.00

 1 23  6 76      5.7  291.3    5.39     0.00

 2 23  6 76      5.9  290.5    4.81     0.00

 3 23  6 76      6.4  297.1    5.24     0.00

 4 23  6 76      5.4  292.6    6.01     0.00

 5 23  6 76      4.6  282.7    6.27     0.00

 6 23  6 76      4.6  289.9    6.81     0.00

 7 23  6 76      1.3  299.7   11.13     0.00

 8 23  6 76      4.0   37.0   11.35     0.00

 9 23  6 76      5.7  312.6   12.24     0.00

10 23  6 76      4.7  263.5   13.29     0.00

11 23  6 76    999.0  999.0  999.00     0.00

12 23  6 76    999.0  999.0  999.00     0.00

13 23  6 76     10.0  268.0   15.75     0.00

14 23  6 76     15.2  275.4   16.46     0.00

15 23  6 76     13.0  246.7   16.60     0.00

16 23  6 76     11.4  291.2   17.05     0.00

17 23  6 76     14.5  300.3   16.03     0.00

18 23  6 76      7.3   35.4   14.75     0.00

19 23  6 76      6.2    6.6   13.67     0.00

20 23  6 76      3.7  322.2   11.00     0.00

21 23  6 76      5.1  294.3    9.15     0.00

22 23  6 76      3.2  283.9    8.93     0.00

23 23  6 76      3.2   33.5    8.61     0.00
```

```
[illegible]

        METEOROLOGICAL DATA
HR DY MO YR   WSPD  WDIR   ATEMP   PREC
** ** ** **  +--------------------------------+

 0 24  6 76    5.1  192.3    5.54    0.00

 1 24  6 76    5.0  194.9    5.01    0.00

 2 24  6 76    4.1  19[illegible].9    3.65    0.00

 3 24  6 76    4.1  192.1    1.96    0.00

 4 24  6 76    5.[illegible]  222.[illegible]    1.37    0.00

 5 24  6 76    4.1  221.[illegible]    [illegible]    0.00

 6 24  6 76    6.1  195.6    3.67    0.00

 7 24  6 76    5.5   47.5    6.61    0.00

 8 24  6 76    6.2   77.2   10.3[illegible]    0.00

 9 24  6 76    7.7  227.1   12.32    0.00

10 24  6 76    9.1  227.[illegible]   13.54    0.00

11 24  6 76    7.5  274.4   14.42    0.00

12 24  6 76   11.2  284.1   15.45    0.00

13 24  6 76   10.[illegible]  282.9   16.30    0.00

14 24  6 76   11.3  226.5   17.72    0.00

15 24  6 76   12.[illegible]  242.6   18.32    0.00

16 24  6 76   11.2  295.2   19.[illegible]    0.00

17 24  6 76    9.5  287.[illegible]   19.41    0.00

18 24  6 76   11.2  284.4   19.32    0.00

19 24  6 76    9.3  225.4   17.44    0.00

20 24  6 76    6.3  226.1   12.96    0.00

21 24  6 76    5.4  212.6    9.97    0.00

22 24  6 76    6.9  212.2    8.07    0.00

23 24  6 76    7.4  291.7    6.77    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE TAPES

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

    25  6 76     6.5  286.0     5.[illegible]7     0.00

 1  25  6 76     9.2  286.9     5.64      0.00

 2  25  6 76     6.1  290.0     5.34      0.00

 3  25  6 76     7.3  297.7     4.85      0.00

 4  25  6 76     7.7  297.1     3.99      0.00

 5  25  6 76     7.2  252.6     3.67      0.00

 6  25  6 76     2.[illegible]  273.7     6.04      0.00

 7  25  6 76     [illegible]  [illegible]7.[illegible]    11.[illegible]     0.00

    25  6 76     [illegible]  2[illegible]7.[illegible]    14.[illegible]     0.00

    25  6 76    11.3  25[illegible].4    1[illegible].[illegible]     0.00

10  25  6 76    13.2  237.5    17.45      0.00

11  25  6 76    13.5  225.7    20.[illegible]7     0.00

12  25  6 76    14.7  219.1    2[illegible].75     0.00

13  25  6 76    15.3  243.2    21.35      0.00

14  25  6 76    14.[illegible]  239.2    22.[illegible]     0.00

15  25  6 76    19.4  275.6    23.[illegible]5     0.00

16  25  6 76    19.6  260.[illegible]    23.22      0.00

17  25  6 76    1[illegible].[illegible]  271.7    23.79      0.00

18  25  6 76    11.[illegible]  259.5    22.42      0.00

19  25  6 76     7.5  253.0    21.29      0.00

20  25  6 76     6.7  258.3    19.[illegible]7     0.00

21  25  6 76     7.4  259.3    18.57      0.00

22  25  6 76     5.4  274.7    14.99      0.00

23  25  6 76     7.7  235.0    12.34      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
 HR DY MO YR   WS10   WD10     AT10    PREC
 ** ** ** **  +--------------------------------+

  0 26  6 76   7.3   286.      11.12    0.00
  1 26  6 76   6.[illegible] 264.2   12.45    0.00
  2 26  6 76   7.2   271.3     12.0[illegible]  0.00
  3 26  6 76   8.[illegible] 255.7   13.51    0.00
  4 26  6 76   5.4   297.7     11.95    0.00
  5 26  6 76   2.    [illegible]    9.1[illegible]   0.00
  6 26  6 76   2.[illegible] 137.4   12.25    0.00
  7 26  6 76   6.      9.      12.27    0.00
  8 26  6 76   3.5   [illegible]   13.15    0.00
  9 26  6 76   7.[illegible] [illegible]  14.32    0.00
 10 26  6 76   4.[illegible] 343.6   15.71    0.00
 11 26  6 76   4.[illegible]  54.9   17.35    0.00
 12 26  6 76   9.1    14.7     18.37    0.00
 13 26  6 76   [illegible] 102.[illegible] 20.07    0.00
 14 26  6 76   5.[illegible] [illegible]  21.45    0.00
 15 26  6 76   7.1    45.4     22.58    0.00
 16 26  6 76   4.[illegible] [illegible]  23.72    0.00
 17 26  6 76   [illegible] 221.1   24.13    0.00
 18 26  6 76   4.[illegible] [illegible]  24.[illegible]  0.00
 19 26  6 76   [illegible] 119.[illegible] 23.75    0.00
 20 26  6 76   7.1   277.5     19.52    0.00
 21 26  6 76   [illegible] [illegible]  12.51    0.00
 22 26  6 76   9.[illegible] 254.4   11.29    0.00
 23 26  6 76   7.4   [illegible]   10.91    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR       WS10  WD10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 27  6 76        5.7  351.0   10.50     0.00

 1 27  6 76        8.0  284.6    9.36     0.00

 2 27  6 76        3.4  293.5    7.56     0.00

 3 27  6 76        5.1  288.[illegible]    7.53     0.00

 4 27  6 76        8.7  283.0    7.38     0.00

 5 27  6 76        5.1  282.8    6.40     0.00

 6 27  6 76        3.4  290.8    7.92     0.00

 7 27  6 76        4.6   86.2   13.18     0.00

 8 27  6 76        5.4   56.4   16.13     0.00

 9 27  6 76        3.2   95.1   19.19     0.00

10 27  6 76        6.5   3[illegible].2   22.64     0.00

11 27  6 76       13.0  256.1   25.60     0.00

12 27  6 76       14.3  264.7   25.57     0.00

13 27  6 76       12.2  251.1   26.55     0.00

14 27  6 76        9.5  281.3   27.55     0.00

15 27  6 76        5.5  33[illegible].8   27.92     0.00

16 27  6 76       10.3  286.9   27.05     0.00

17 27  6 76        5.5  27[illegible].9   27.13     0.00

18 27  6 76        6.0  356.4   27.95     0.00

19 27  6 76        4.9  323.2   27.43     0.00

20 27  6 76        7.4  276.6   18.98     0.00

21 27  6 76       10.9  290.2   16.25     0.00

22 27  6 76        9.2  292.9   15.65     0.00

23 27  6 76        8.3  279.0   13.51     0.00
```

[illegible]

```
          [illegible]
[illegible]
** ** ** **     +-------------------------------+

[illegible] 28 6 76   [illegible]  [illegible]   12.[illegible]   [illegible]

[illegible] 28 6 76   [illegible]  [illegible]4.[illegible]   11.[illegible]7   [illegible]

[illegible] 28 6 76   9.[illegible]  234.1   11.4[illegible]   [illegible]

[illegible] 28 6 76   7.5  [illegible]   10.2[illegible]   [illegible]

[illegible] 28 6 76   [illegible]  2[illegible].4    [illegible].31   [illegible]

[illegible] 28 6 76   6.[illegible]  2[illegible]4.[illegible]    7.1[illegible]   [illegible]

[illegible] 28 6 76   3.[illegible]  2[illegible]4.[illegible]   1[illegible].5[illegible]   [illegible]

[illegible] 28 6 76   1.[illegible]  [illegible]   17.[illegible]4   [illegible]

[illegible] 28 6 76   5.1  [illegible]   1[illegible].45   [illegible]

[illegible] 28 6 76   5.6  1[illegible]4.7   21.71   0.0[illegible]

[illegible] 28 6 76   6.4  [illegible]   23.4[illegible]   [illegible]

11 28 6 76   4.[illegible]  [illegible]24.[illegible]   25.02   [illegible]

12 28 6 76   4.[illegible]  177.7   27.[illegible]   [illegible]

[illegible] 28 6 76   4.5  1[illegible]3.4   28.[illegible]5   [illegible]

14 28 6 76   3.9  24[illegible].4   2[illegible].94   0.00

[illegible] 28 6 76   [illegible]   43.1   28.96   [illegible]

[illegible] 28 6 76   5.[illegible]   [illegible]5.9   29.73   [illegible]

[illegible] 28 6 76   [illegible]  3[illegible].[illegible]   2[illegible].91   [illegible]

[illegible] 28 6 76   4.1   [illegible].1   27.[illegible]   0.[illegible]

[illegible] 28 6 76   4.[illegible]   [illegible]2.[illegible]   27.29   [illegible]

[illegible] 28 6 76   [illegible].6  2[illegible]1.5   18.49   0.[illegible]

[illegible] 28 6 76   9.[illegible]  2[illegible]6.2   15.32   0.[illegible]

[illegible] 28 6 76   [illegible]  2[illegible].[illegible]   13.44   0.00

[illegible] 28 6 76   [illegible]  2[illegible]   12.75   [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR    WS10   WD10    AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 29  6 76     8.2  276.6   12.31     0.00

 1 29  6 76     3.1  289.8   11.39     0.00

 2 29  6 76     7.4  2[illegible].[illegible]   10.55     0.00

 3 29  6 76     7.1  277.6    9.36     0.00

 4 29  6 76     5.[illegible]  278.[illegible]    [illegible].93     0.00

 5 29  6 76     6.7  2[illegible]2.7    8.46     0.00

 6 29  6 76     5.6  2[illegible]2.4   11.11     0.00

 7 29  6 76     4.5  23[illegible].4   17.35     0.00

 8 29  6 76     5.4   [illegible]3.9   20.53     0.00

 9 29  6 76     4.4   [illegible]1.4   23.51     0.00

10 29  6 76     6.[illegible]   95.5   26.77     0.00

11 29  6 76     5.9   [illegible]5.4   27.17     0.00

12 29  6 76     6.4   47.2   29.13     0.00

13 29  6 76     6.4   [illegible]5.9   25.8[illegible]     0.00

14 29  6 76    10.5   69.3   26.7[illegible]     0.00

15 29  6 76     6.4  31[illegible].2   28.51     0.00

16 29  6 76     6.5  116.0   29.23     0.00

17 29  6 76     3.5  112.1   27.[illegible]     0.00

18 29  6 76     6.8  141.3   2[illegible].[illegible]     0.00

19 29  6 76     [illegible].[illegible]  220.5   25.9[illegible]     0.00

20 29  6 76     7.6  265.8   24.24     0.00

21 29  6 76     6.6  276.1   20.67     0.00

22 29  6 76     2.   358.4   18.84     0.00

23 29  6 76     3.1   68.1   16.05     0.00
```

```
[illegible]

                 METEOROLOGICAL DATA
[illegible]
-- -- -- --    +-------------------------------+

[illegible]       [illegible].5  [illegible]    14.[illegible]  [illegible]

[illegible]       [illegible]    [illegible].1  13.[illegible]  [illegible]

[illegible]       [illegible]    2[illegible]   12.44     [illegible]

[illegible]       4.[illegible]  [illegible].2  12.[illegible]  [illegible]

[illegible]       5.1    [illegible]    11.[illegible]3  [illegible]

[illegible]       [illegible]    [illegible]    [illegible]     [illegible]

[illegible]       4.[illegible]  [illegible]    11.[illegible]  [illegible]

[illegible]       [illegible].7  [illegible]    1[illegible]    [illegible]

[illegible]       [illegible]    [illegible]    23.1[illegible]  [illegible]

[illegible]       1[illegible]   [illegible]    [illegible]4.27  [illegible]

10 [illegible]    12.[illegible] [illegible].1  [illegible]      [illegible]

11 [illegible]    [illegible].6  [illegible]    25.4[illegible]  [illegible]

12 [illegible]    10.4   [illegible]    2[illegible].27  [illegible]

[illegible]       11.1   215.4  25.[illegible]4  [illegible]

14 [illegible]    1[illegible]   [illegible].5  25.[illegible]  [illegible]

[illegible]       12.6   [illegible].3  [illegible]      [illegible]

[illegible]       1[illegible]   244.[illegible]  [illegible]6.13  [illegible]

17 [illegible]    11.[illegible] 1[illegible]4.[illegible]  25.17  [illegible]

[illegible]       [illegible]    17[illegible].4  24.[illegible]2  [illegible]

1[illegible] [illegible] 5 76  6.6  2[illegible]  23.[illegible]2  [illegible]

[illegible]       7.1    252.5  19.[illegible]  0.00

21 [illegible]    [illegible].1  [illegible]    1[illegible]     [illegible]

[illegible]       [illegible]    [illegible].1  15.[illegible]   [illegible]

[illegible]       [illegible]    [illegible]1.4  19.01    [illegible]
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WD10     AT10      PREC
++  ++  ++  ++     +-------------------------------+

 0   1   7 76        6.9  197.5    18.64      0.00

 1   1   7 76        3.9  311.3    16.76      0.00

 2   1   7 76        2.5  360.0    13.97      0.00

 3   1   7 76        5.0   59.6    15.57      0.00

 4   1   7 76        3.5  263.2    15.40      0.00

 5   1   7 76        7.3  271.6    14.60      0.00

 6   1   7 76        5.1  259.8    14.01      0.00

 7   1   7 76        2.9  295.5    18.33      0.00

 8   1   7 76        9.   236.5    21.27      0.00

 9   1   7 76        9.   255.4    22.24      0.00

10   1   7 76        7.2  217.0    23.37      0.00

11   1   7 76        6.9  262.5    24.05      0.00

12   1   7 76        6.7  215.7    25.91      0.00

13   1   7 76       12.1  255.6    25.75      0.00

14   1   7 76       12.7  295.2    22.71      0.00

15   1   7 76        9.4  264.9    21.55      0.00

16   1   7 76        5.2  257.8    21.00      0.00

17   1   7 76        4.6  250.4    20.72      0.00

18   1   7 76        1.3  355.9    26.61      0.00

19   1   7 76        4.4  295.4    21.58      0.00

20   1   7 76        6.3  274.    16.36      0.00

21   1   7 76        7.3  255.5    15.31      0.00

22   1   7 76        6.1  276.9    14.36      0.00

23   1   7 76        5.6  262.6    13.68      0.00
```

```
[illegible] OIL SPILL PROJECT  SITE THREE

         METEOROLOGICAL DATA
HR DY MO YR    WS1   WD1    AT1      PREC
++ ++ ++ ++   +-------------------------------+

 0  2  7 76    3.    271.5   10.[illegible]   0.[illegible]

 1  2  7 76    8.2   255.2   13.91    0.00

 2  2  7 76    4.1   272.6   12.91    0.00

 3  2  7 76    2.6   265.7   11.22    0.00

 4  2  7 76    7.0   292.1   10.12    0.00

 5  2  7 76    7.1   262.7    9.40    0.00

 6  2  7 76    6.2   297.6   11.31    0.00

 7  2  7 76    2.     50.6   17.75    0.00

 8  2  7 76    3.5    71.2   19.35    0.00

 9  2  7 76    6.1    10.4   20.95    0.00

10  2  7 76   10.5   221.6   23.62    0.00

11  2  7 76   14.3   212.5   25.35    0.00

12  2  7 76   17.1   241.5   25.47    0.00

13  2  7 76   16.2   248.8   25.37    0.00

14  2  7 76   15.2   229.2   26.58    0.00

15  2  7 76   16.2   256.7   26.92    0.00

16  2  7 76   16.4   240.[illegible]   27.15    0.00

17  2  7 76   13.1   231.4   27.31    0.00

18  2  7 76   13.    279.5   26.66    0.00

19  2  7 76    7.4   276.1   25.45    0.00

20  2  7 76    7.1   274.5   17.42    0.00

21  2  7 76    9.6   232.4   15.35    0.00

22  2  7 76    9.1   272.2   17.23    0.00

23  2  7 76    9.    280.2   17.60    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WD10     AT10     PREC
++  ++  ++  ++    +-----------------------------+

 0   3   7  76      5.2  274.7    13.09     0.00

 1   3   7  76      6.7  275.0    11.17     0.00

 2   3   7  76      6.4  282.8    10.38     0.00

 3   3   7  76      5.4  286.4     8.77     0.00

 4   3   7  76      7.6  287.7     7.93     0.00

 5   3   7  76      6.6  282.9     7.65     0.00

 6   3   7  76      5.7  290.9     9.45     0.00

 7   3   7  76      4.6   83.6    14.42     0.00

 8   3   7  76      6.4   65.5    16.34     0.00

 9   3   7  76      5.4   67.5    20.44     0.00

10   3   7  76      5.2   76.6    23.16     0.00

11   3   7  76      5.7   76.1    24.36     0.00

12   3   7  76      7.5   95.3    25.23     0.00

13   3   7  76      5.3  259.5    27.05     0.00

14   3   7  76      6.5  259.8    27.73     0.00

15   3   7  76     10.5  276.6    27.71     0.00

16   3   7  76      5.4  122.5    27.76     0.00

17   3   7  76      4.0  278.7    27.25     0.00

18   3   7  76      2.6   51.2    28.04     0.00

19   3   7  76      4.3   26.5    27.36     0.00

20   3   7  76      5.5  300.6    19.67     0.00

21   3   7  76      6.5  289.9    16.21     0.00

22   3   7  76      8.9  293.5    14.49     0.00

23   3   7  76      7.4  279.4    13.34     0.00
```

```
WHITE RIVER OIL SHALE PROJECT  SITE REPORT

          METEOROLOGICAL DATA
HR MO DY YR    WSPD  WDIR     ATMP     PREC
** ** ** **   +---------------------------------+

 0  4  7 76     4.2  291.7   12.79     0.00

 1  4  7 76     7.8  218.5   12.43     0.00

 2  4  7 76     5.5  215.3   10.86     0.00

 3  4  7 76     5.9  279.0    8.26     0.00

 4  4  7 76     5.6  274.4    6.15     0.00

 5  4  7 76     7.3  211.0    5.01     0.00

 6  4  7 76     5.6  283.2    9.57     0.00

 7  4  7 76     1.5  323.2   16.53     0.00

 8  4  7 76     1.5  120.1   21.99     0.00

 9  4  7 76     4.3   53.1   23.75     0.00

10  4  7 76     3.7   74.2   27.51     0.00

11  4  7 76     3.3  153.4   28.69     0.00

12  4  7 76     6.5  159.0   29.43     0.00

13  4  7 76    12.3  214.4   29.47     0.00

14  4  7 76    10.3  265.4   29.55     0.00

15  4  7 76    11.5  257.2   29.86     0.00

16  4  7 76     7.3  224.0   30.09     0.00

17  4  7 76     3.2  242.0   30.17     0.00

18  4  7 76     4.4  231.5   29.32     0.00

19  4  7 76     4.3  232.4   28.53     0.00

20  4  7 76     7.3  210.3   20.98     0.00

21  4  7 76     7.3  240.4   17.16     0.00

22  4  7 76     3.1  255.4   16.33     0.00

23  4  7 76     1.4  231.0   16.27     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    T10      PREC
++ ++ ++ ++   +------------------------------+

[illegible]  5  7 76      3.5  [illegible]2.1  14.[illegible]   [illegible]

 1  5  7 76   [illegible]  275.6   11.14     0.00

 2  5  7 76      8.7  292.3   12.74     0.00

 3  5  7 76      9.5  293.4   12.21     0.00

 4  5  7 76      9.1  295.4   11.71     0.00

 5  5  7 76   [illegible]  293.8   11.52     [illegible]

 6  5  7 76      5.3  291.1   13.39     0.00

 7  5  7 76      4.2   78.7   16.45     0.00

[illegible]  5  7 76      6.3   89.9   19.57     [illegible]

 9  5  7 76      5.7   59.0   23.31     0.00

10  5  7 76      7.3   68.9   25.77     0.00

11  5  7 76      3.5   74.6   27.96     0.00

12  5  7 76      6.1  2[illegible]2.8   28.93     0.00

13  5  7 76     10.9  273.7   29.97      .00

14  5  7 76      7.5  266.9   30.22      .00

15  5  7 76      6.3  275.7   29.41     0.00

16  5  7 76      5.7  157.3   31.17     0.00

17  5  7 76      6.9  271.7   30.69     0.00

18  5  7 76      5.4  301.0   29.42      .00

19  5  7 76      4.3  326.5   30.[illegible]     0.00

20  5  7 76      7.1  292.[illegible]   21.[illegible]      .00

21  5  7 76      7.2  274.2   16.7[illegible]     0.00

22  5  7 76      9.7  281.2   16.63     0.00

23  5  7 76     10.9  231.5   16.56     0.00
```

```
[illegible]

             [illegible]
[illegible]
** ** ** **   +--------------------------------+

 0  6  7 76   [illegible] [illegible] 15.[illegible] [illegible]
 1  6  7 76   7.[illegible] [illegible] 13.[illegible] [illegible]
 2  6  7 76   2.[illegible] [illegible] 12.5[illegible] [illegible]
 3  6  7 76   [illegible] [illegible] 12.[illegible] [illegible]
 4  6  7 76   7.[illegible] [illegible] 11.[illegible]3 [illegible]
 5  6  7 76   7.[illegible] [illegible] 12.5[illegible] [illegible]
 6  6  7 76   [illegible] [illegible].1 13.4[illegible] [illegible]
 7  6  7 76   2.[illegible] [illegible].4 1[illegible].6[illegible] 0.0[illegible]
 8  6  7 76   4.5 [illegible] 22.3[illegible] [illegible]
 9  6  7 76   3.5 4[illegible].[illegible] [illegible]5.4[illegible] [illegible]
10  6  7 76   [illegible] [illegible].4 25.5[illegible] [illegible]
11  6  7 76   3.[illegible] 4[illegible].[illegible] 2[illegible].5[illegible] [illegible]
12  6  7 76   [illegible] 4[illegible].[illegible] 2[illegible] 0.0[illegible]
13  6  7 76   4.5 [illegible]5.7 29.52 [illegible]
14  6  7 76   [illegible].1 [illegible] 3[illegible]1 [illegible]
15  6  7 76   10.[illegible] [illegible] 30.3[illegible] [illegible]
16  6  7 76   [illegible] [illegible] 30.56 [illegible]
17  6  7 76   [illegible].1 2[illegible].1 30.5[illegible] [illegible]
18  6  7 76   5.1 2[illegible].2 29.9[illegible] [illegible]
19  6  7 76   10.[illegible] 220.2 28.72 [illegible]
20  6  7 76   5.1 271.8 [illegible]6.14 [illegible]
21  6  7 76   [illegible] [illegible].6 22.42 0.[illegible]0
22  6  7 76   [illegible] 2[illegible]2.7 19.47 0.[illegible]
23  6  7 76   [illegible].1 236.[illegible] 19.23 [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

           METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WD10     T10      PREC
++  ++  ++  ++    +------------------------------+

     7   7  76       5.3  270.4    19.37     0.00

 1   7   7  76       7.5  281.0    19.29     0.00

 2   7   7  76  [illegible]  271.9    16.14     0.00

 3   7   7  76       6.5  274.3    15.43     0.00

 4   7   7  76       4.5  276.5    12.79      .00

 5   7   7  76       5.4  275.3    13.17     0.00

 6   7   7  76       5.0  272.3    15.75     0.00

 7   7   7  76       1.4  231.4    17.96     0.00

 8   7   7  76       3.1  274.7    23.63     0.00

 9   7   7  76      10.   270.1    27.3      0.00

10   7   7  76      12.0  272.6    27.73     0.00

11   7   7  76     999.0  999.0   999.0      0.00

12   7   7  76      10.   252.0    24.14     0.00

13   7   7  76      10.4  272.4    25.37     0.00

14   7   7  76  [illegible]  205.2    26.60   999.0

15   7   7  76       5.1  173.7    25.71     0.00

16   7   7  76       6.0  255.9    26.16     0.00

17   7   7  76      11.4  261.6    26.49     0.00

18   7   7  76       9.3  220.5    27.31     0.00

19   7   7  76       3.5  193.1    23.48      .00

20   7   7  76       5.7  124.5    22.95      .00

21   7   7  76       4.1  235.1    24.17     0.00

22   7   7  76      10.4  231.3    23.26     0.00

23   7   7  76       9.9  231.7    23.32     0.00
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
 HR DA MO YR     WS10  DIR10    AT10     PREC
 ++ ++ ++ ++    +-----------------------------+

  0  8  7 76      5.3  [illegible]  21.11    0.00

  1  8  7 76      6.0  [illegible]  17.21    0.00

  2  8  7 76      7.5  314.6    14.43    0.00

  3  8  7 76      4.7  27[illegible].3   12.44    0.00

  4  8  7 76      5.1  264.4    1[illegible].52    0.00

  5  8  7 76      5.5  27[illegible]    9.54    0.00

  6  8  7 76      3.4  [illegible]  12.27    0.00

  7  8  7 76      4.6    [illegible].7   17.32    0.00

  8  8  7 76      4.2   37.2    23.54    0.00

  9  8  7 76      6.7  229.2    26.51    1.00

 10  8  7 76      7.2  23[illegible].9   27.[illegible]1    0.00

 11  8  7 76     10.2  256.4    28.48    0.00

 12  8  7 76      8.4  315.[illegible]   29.42    0.00

 13  8  7 76     10.3  2[illegible]5.2   31.55    0.00

 14  8  7 76     10.4  265.3    30.86    0.00

 15  8  7 76     12.9  236.7    29.59    0.00

 16  8  7 76      8.7  255.2    29.75    0.00

 17  8  7 76      7.1  229.4    30.70    0.00

 18  8  7 76      6.6  260.     29.77    0.20

 19  8  7 76      5.1  255.6    26.77    0.50

 20  8  7 76      7.4  271.3    21.83    0.01

 21  8  7 76      7.5  28[illegible]    18.51    0.00

 22  8  7 76      5.4  24[illegible].8   17.71    0.0[illegible]

 23  8  7 76      6.[illegible]  2[illegible]5.[illegible]   17.69    0.0[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR      WS10   WD10    AT10     PREC
++ ++ ++ ++     +-----------------------------------+

    9  7 76      1.5  122.9   13.94     0.00

 1  9  7 76      7.0  294.1   13.94     0.00

 2  9  7 76      4.1  279.6   13.18     0.00

 3  9  7 76      6.3  236.3   13.01     0.00

 4  9  7 76      4.9  272.6   11.97     0.00

 5  9  7 76      5.7  273.2   10.75     0.00

 6  9  7 76      3.6  265.3   13.13     0.00

 7  9  7 76      1.6   68.0   20.02     0.00

 8  9  7 76      3.6   44.7   25.45     0.00

 9  9  7 76      [illegible]  273.5   26.17     0.00

10  9  7 76      7.1  302.4   29.17     0.00

11  9  7 76      7.6  236.0   30.02     0.00

12  9  7 76      7.0  253.0   30.73     0.00

13  9  7 76      [illegible]  142.5   29.61     0.00

14  9  7 76     11.1  132.4   30.16     0.00

15  9  7 76      7.7  190.1   29.22     0.00

16  9  7 76      5.9  224.2   30.56     0.00

17  9  7 76      6.1  193.2   31.46     0.00

18  9  7 76      6.   132.7   31.30     0.00

19  9  7 76      7.0  178.1   30.71     0.00

20  9  7 76      [illegible].7  276.2   22.51      .00

21  9  7 76      7.7  289.7   19.14     0.00

22  9  7 76      6.1  253.9   16.75     0.00

23  9  7 76      5.2   90.0   18.51     0.00
```

```
[illegible] OIL SHALE PROJECT  SITE [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   TEMP    PREC
++ ++ ++ ++   +-------------------------------+

 0 10  7 76     5.8  315.2  19.11    0.00

 1 10  7 76     3.0   33.2  17.58    0.00

 2 10  7 76     2.9  [illegible]  17.42    0.00

 3 10  7 76     2.5  135.2  17.23    0.00

 4 10  7 76     4.[illegible]  [illegible]  14.01    0.00

 5 10  7 76     3.8  234.3  12.23    0.00

 6 10  7 76     5.5  [illegible]  13.49    0.00

 7 10  7 76     2.4  245.[illegible]  19.36    0.00

 8 10  7 76     1.[illegible]   49.7  24.61    0.00

 9 10  7 76     4.[illegible]   [illegible]  27.27    0.00

10 10  7 76     4.6   77.0  29.[illegible]    0.00

11 10  7 76     7.1   33.[illegible]  30.63    0.00

12 10  7 76     5.6  277.1  32.11    0.00

13 10  7 76     7.5   22.5  31.85    0.00

14 10  7 76     7.2  3[illegible]  31.12    0.00

15 10  7 76    14.7  234.[illegible]  2[illegible].4[illegible]    0.00

16 10  7 76     7.[illegible]  1[illegible]1.5  28.1[illegible]    0.00

17 10  7 76     3.7  254.[illegible]  25.55    0.00

18 10  7 76     [illegible].4     3.7  24.[illegible]    0.00

19 10  7 76     [illegible].5  146.1  26.31    0.00

20 10  7 76     [illegible].4   [illegible].7  23.5[illegible]    0.00

21 10  7 76     [illegible]  227.[illegible]  2[illegible].32    0.00

22 10  7 76     3.[illegible]  246.7  25.[illegible]9    0.00

23 10  7 76     4.[illegible]  [illegible].4  22.47    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 11  7 76      5.0  273.0   18.67     0.00

 1 11  7 76      7.3  290.6   15.83     0.00

 2 11  7 76      7.0  287.5   14.44     0.00

 3 11  7 76      7.2  284.5   12.89     0.00

 4 11  7 76      7.5  283.0   12.83     0.00

 5 11  7 76      7.1  274.0   12.10     0.00

 6 11  7 76      6.1  279.5   13.21     0.00

 7 11  7 76      2.0  302.9   18.59     0.00

 8 11  7 76      2.2  125.4   24.63     0.00

 9 11  7 76      2.0   63.2   26.63     0.00

10 11  7 76      5.5   31.6   27.21     0.00

11 11  7 76      7.3  111.8   [illegible]     0.00

12 11  7 76      4.1  321.0   30.20     0.00

13 11  7 76      6.3  307.6   30.41     0.00

14 11  7 76      6.0  191.9   31.31     0.00

15 11  7 76      5.0   33.0   30.45     0.00

16 11  7 76      [illegible]  279.3   25.95     0.00

17 11  7 76      [illegible]  295.6   27.02     0.00

18 11  7 76      6.5  269.1   26.72     0.00

19 11  7 76      5.2  256.2   26.22     0.00

20 11  7 76     14.1  315.3   [illegible]     0.00

21 11  7 76      3.3  262.0   21.73     0.00

22 11  7 76      6.8  280.3   16.11     0.00

23 11  7 76      6.1  293.1   14.03     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE TRACT

             METEOROLOGICAL DATA
HR DY MO YR   WSPD  WDIR   TEMP    PRCP
** ** ** **  +-------------------------------+

 0 12  7 76    1.0  277.3  16.21   0.00
 1 12  7 76    [illegible]  [illegible]  14.[illegible]   0.00
 2 12  7 76    [illegible]  [illegible]74.[illegible]  16.2[illegible]   0.00
 3 12  7 76    5.[illegible]  [illegible]  14.91   0.00
 4 12  7 76    4.7  [illegible].7  16.[illegible]   0.00
 5 12  7 76    4.[illegible]  233.1  2[illegible].45   0.00
 6 12  7 76    5.[illegible]   73.4  21.35   0.00
 7 12  7 76    [illegible]   [illegible]7.5  22.91   0.00
 8 12  7 76   10.[illegible]  252.4  24.3[illegible]   0.00
 9 12  7 76    7.4  263.6  25.5[illegible]   0.00
10 12  7 76    6.4  24[illegible].[illegible]  26.66   0.00
11 12  7 76    7.2  266.5  27.2[illegible]   0.00
12 12  7 76   14.6  287.[illegible]  27.3[illegible]   0.00
13 12  7 76   1[illegible].7  315.7  26.7[illegible]   0.00
14 12  7 76   11.6  3[illegible].7  25.58   0.00
15 12  7 76   12.3  [illegible]4.[illegible]  22.61   0.00
16 12  7 76    5.4   17.[illegible]  23.66   0.00
17 12  7 76    6.3   [illegible]  23.41   0.00
18 12  7 76    [illegible]  14[illegible].[illegible]  23.65   0.00
19 12  7 76    4.[illegible]  246.[illegible]  23.75   0.00
20 12  7 76    4.[illegible]   63.7  21.56   0.00
21 12  7 76    3.[illegible]  115.1  2[illegible].[illegible]   0.00
22 12  7 76    2.5  125.[illegible]  19.9[illegible]   0.00
23 12  7 76    2.7  241.3  18.57   0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++   +---------- ------------------+

 0 13  7 76     2.1   58.2   13.06    0.00

 1 13  7 76     4.9  126.6   15.53    0.01

 2 13  7 76     4.1  264.9   13.53    0.00

 3 13  7 76     3.9  231.2   13.33    0.00

 4 13  7 76     7.0  270.5   11.99    0.00

 5 13  7 76     3.7  257.4   10.75    0.00

 6 13  7 76     3.5  279.6   11.49    0.00

 7 13  7 76     3.3   21.0   16.57    0.00

 8 13  7 76     4.8   55.9   18.31    0.00

 9 13  7 76     5.2   60.7   20.56    0.00

10 13  7 76     5.5   79.9   22.51    0.00

11 13  7 76     5.6   56.5   23.57    0.00

12 13  7 76     5.3  350.9   24.65    0.00

13 13  7 76     9.3  332.6   26.41    0.00

14 13  7 76   999.0  999.0  999.00    0.00

15 13  7 76   999.0  999.0  999.00    0.00

16 13  7 76     9.5  307.3   27.61    0.00

17 13  7 76     7.7  326.4   27.93    0.00

18 13  7 76     6.5  277.2   27.15    0.00

19 13  7 76     5.1  330.6   26.90    0.00

20 13  7 76     5.3  273.5   20.82    0.00

21 13  7 76     9.1  275.2   18.18    0.00

22 13  7 76    10.3  282.5   16.27    0.00

23 13  7 76     9.2  285.8   15.34    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WSPD  WDIR    TEMP    PREC
** *** ** **    +--------------------------------+

 0 14  7 76      6.4 [illegible] 15.54   0.
 1 14  7 76      7.4  277.6   15.21    0.00
 2 14  7 76      7.7  295.1   13.01    0.00
 3 14  7 76      5.9  275.5   11.42    0.00
 4 14  7 76      7.9  292.5   11.95    0.00
 5 14  7 76      5.6  270.9   11.15    0.00
 6 14  7 76      5.0  273.0   11.65    0.00
 7 14  7 76      1.0  336.2   17.23     .00
 8 14  7 76      4.1   59.3   21.72    0.00
 9 14  7 76      7.1   73.2   21.95    0.00
10 14  7 76      6.3   97.9   23.26    0.00
11 14  7 76      4.7  111.0   24.85    0.00
12 14  7 76      5.6  233.4   26.23    0.00
13 14  7 76      7.4  171.1   26.93    0.00
14 14  7 76      6.5   74.1   25.75    0.00
15 14  7 76      9.9  277.7   26.30    0.00
16 14  7 76     10.6  275.1   27.14    0.00
17 14  7 76     12.2  275.7   26.75    0.00
18 14  7 76     12.9  288.9   25.50    0.00
19 14  7 76     10.5  277.0   23.94    0.00
20 14  7 76      7.0  277.   20.49    0.00
21 14  7 76     10.  277.0   17.34    0.00
22 14  7 76      6.9  277.6   17.05    0.00
23 14  7 76      5.5   77.7   15.85    0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	7	76	5.2	267.7	12.79	0.00
1	15	7	76	7.6	235.8	12.56	0.00
2	15	7	76	6.3	234.5	12.10	0.00
3	15	7	76	7.[illegible]	293.4	12.1[illegible]	0.00
4	15	7	76	6.5	280.4	11.94	0.00
5	15	7	76	6.6	285.6	10.73	0.00
6	15	7	76	6.9	249.0	12.01	0.00
7	15	7	76	4.2	38.6	17.39	0.00
8	15	7	76	7.4	52.8	18.56	0.00
9	15	7	76	5.6	76.5	20.37	0.00
10	15	7	76	7.5	98.7	22.83	0.00
11	15	7	76	7.6	69.7	24.15	0.00
12	15	7	76	6.5	4[illegible].7	25.8[illegible]	0.00
13	15	7	76	9.5	83.1	25.46	0.00
14	15	7	76	7.1	1.6	27.25	0.00
15	15	7	76	6.6	25.4	28.09	0.00
16	15	7	76	5.7	93.5	28.17	0.00
17	15	7	76	7.5	49.7	28.35	0.00
18	15	7	76	6.4	55.9	27.40	0.00
19	15	7	76	4.1	45.[illegible]	26.02	0.00
20	15	7	76	7.2	266.0	19.54	0.00
21	15	7	76	6.[illegible]	292.5	16.75	0.00
22	15	7	76	5.5	287.7	15.[illegible]	0.00
23	15	7	76	3.6	281.9	14.1[illegible]	0.00

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

           METEOROLOGICAL DATA
 HR DA MO YR     WSPD  WDIR    TEMP     PREC
 -- -- -- --     -------------------------------+

  0 16  7 76     [illegible] [illegible]  13.12  [illegible]

  1 16  7 76     [illegible] 244.4   12.39     0.00

  2 16  7 76     5.3  [illegible]   12.30     0.00

  3 16  7 76     5.2  257.6   11.25     0.00

  4 16  7 76     5.4  [illegible]   10.22     0.00

  5 16  7 76     6.2  272.4    9.[illegible]     0.00

  6 16  7 76     6.2  217.5   11.45     0.00

  7 16  7 76     1.5   33.    19.20     0.00

  8 16  7 76     3.7   54.7   19.23     0.00

  9 16  7 76     2.7   99.6   23.44   999.00

 10 16  7 76     3.[illegible]  21[illegible]   27.55     0.00

 11 16  7 76     4.1  145.[illegible]   2[illegible]     0.00

 12 16  7 76     7.2  231.5   28.35     0.00

 13 16  7 76     7.7   95.4   29.01     0.00

 14 16  7 76     7.6  1[illegible].1   29.73     0.00

 15 16  7 76     5.2  2[illegible].9   30.39     0.00

 16 16  7 76     [illegible].4  3[illegible].1   30.38     0.00

 17 16  7 76     6.7  304.[illegible]   3[illegible].20     0.00

 18 16  7 76     6.[illegible]  [illegible].7   3[illegible]     0.00

 19 16  7 76     5.2  355.4   29.2[illegible]     0.00

 20 16  7 76     5.4  282.[illegible]   22.03     0.00

 21 16  7 76     7.4  278.[illegible]   19.11     0.00

 22 16  7 76     7.2  27[illegible]   18.67     0.00

 23 16  7 76     6.4  27[illegible].7   17.47     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------- ----------------+

 0 17  7 76       6.9  267.7    15.35     0.00

 1 17  7 76       3.9   71.0    16.53     0.00

 2 17  7 76       4.0  260.0    15.79     0.00

 3 17  7 76       6.3  27 .2    15.54     0.00

 4 17  7 76       5.7  297.7    14.26     0.00

 5 17  7 76       6.1  265.8    13.31     0.00

 6 17  7 76       3.4  275.2    13.99     0.00

 7 17  7 76       4.5   80.0    19.75     0.00

 8 17  7 76       5.3   60.9    22.95     0.00

 9 17  7 76       5.7  117.6    24.72     0.00

10 17  7 76       4.0   99.1    26.22     0.00

11 17  7 76       6.5   53.1    27.15      .00

12 17  7 76       5.6   14.0    27.67      .00

13 17  7 76       7.0   46.8    26.65     0.00

14 17  7 76       5.5   24.2    27.15     0.00

15 17  7 76       6.5  356.1    26.42     0.00

16 17  7 76       6.6    4.1    27.17      .00

17 17  7 76       6.6   57.1    26.60     0.00

18 17  7 76       5.0   72.8    25.35      .00

19 17  7 76       5.6  3 2.3    24.56     0.00

20 17  7 76      13.1  293.3    16.61     0.32

21 17  7 76       4.9  247.2    15.45     0.01

22 17  7 76       6.2  276.0    16.35     0.00

23 17  7 76       5.5  259.4    15.22     0.00
```

```
[illegible] SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR    WSPD   WDIR    TEMP    PREC
-- -- -- --   +------------------------------+

 0 18  7 76     2.4  [illegible]  14.41   0.04

 1 18  7 76     4.1  [illegible]  14.19   0.00

 2 18  7 76     1.5  [illegible]  13.5[illegible]   0.00

 3 18  7 76     2.2  251.7   13.40    0.00

 4 18  7 76     4.7  252.5   12.54    0.00

 5 18  7 76     5.2  273.2   11.82    0.00

 6 18  7 76     5.4  287.7   11.79    0.00

 7 18  7 76     3.1  312.1   14.65    0.00

 8 18  7 76     2.2  [illegible]  13.57   0.00

 9 18  7 76     3.3  [illegible]  17.75   0.00

10 18  7 76     4.9  11[illegible].4  2[illegible]   0.00

11 18  7 76     4.3   75.3   22.91    0.00

12 18  7 76     5.2   62.4   23.51    0.00

13 18  7 76     [illegible].7  31[illegible]  22.15  999.0

14 18  7 76    11.1  315.1   22.94    0.00

15 18  7 76    10.6  312.9   23.77    0.00

16 18  7 76    11.3  312.1   22.03    0.10

17 18  7 76    15.4  253.5   17.15    0.02

18 18  7 76    11.[illegible]  26[illegible].9   17.06   0.02

19 18  7 76     4.2  267.7   15.24    0.00

20 18  7 76     3.2  247.9   15.40    0.00

21 18  7 76     3.9  226.5   14.62    0.04

22 18  7 76     4.3   79.4   13.17    0.00

23 18  7 76     2.2  213.2   12.59    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10     PREC
++ ++ ++ ++   +--------------------------------+

 0 19  7 76     3.2  276.4   12.77     0.00

 1 19  7 76     2.5  252.3   12.71     0.00

 2 19  7 76     4.2  262.9   12.94     0.00

 3 19  7 76     6.6  277.5   13.36     0.00

 4 19  7 76     3.5  243.3   13.00     0.00

 5 19  7 76     2.5  245.2   12.13     0.00

 6 19  7 76     4.   267.1   12.34     0.00

 7 19  7 76     2.3  273.3   14.11     0.00

 8 19  7 76     3.5   62.[illegible]  16.2[illegible]   0.00

 9 19  7 76     4.1   97.4   19.43     0.00

10 19  7 76     3.8  355.7   21.23     0.00

11 19  7 76     4.9   64.3   22.06     0.00

12 19  7 76     5.0   90.9   22.55     0.00

13 19  7 76     5.7  113.5   23.96     0.00

14 19  7 76     9.4  259.3   22.66     0.00

15 19  7 76     6.7  191.9   23.55     0.00

16 19  7 76    12.3  253.9   22.37     0.00

17 19  7 76     7.6  150.8   22.55     0.00

18 19  7 76     [illegible]  129.[illegible]  21.59     0.00

19 19  7 76     4.3  133.8   20.[illegible]    0.00

20 19  7 76     2.3  262.9   19.97     0.00

21 19  7 76     5.3  154.9   16.79     0.00

22 19  7 76     5.2   31.4   16.66     0.00

23 19  7 76     4.6  349.2   15.93     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR    WSPD   WDIR    AIRT     PREC
** ** ** **   +------------------------------+

 0 [illegible]  7 76     2.4   252.2   14.13    0.00

 1 [illegible]  7 76     1.5    76.1   14.10    0.00

 2 [illegible]  7 76     3.4   271.0   13.67    0.00

 3 [illegible]  7 76     2.5   247.8   13.39    0.00

 4 [illegible]  7 76     1.9   300.7   12.91    0.01

 5 [illegible]  7 76     5.3   292.1   11.35    0.00

 6 [illegible]  7 76     3.1   2[illegible].5   1[illegible].04    0.00

 7 [illegible]  7 76     3.5   307.2   15.29    0.00

 8 [illegible]  7 76     4.6    [illegible]3.3   1[illegible].55    0.0

 9 [illegible]  7 76     5.7    95.4   19.[illegible]5    0.00

10 [illegible]  7 76     5.5    64.7   21.91    0.00

11 [illegible]  7 76     4.1   155.1   22.52    0.00

12 [illegible]  7 76     5.7   1[illegible].2   22.91    0.00

13 [illegible]  7 76     3.3   195.0   22.09    0.00

14 [illegible]  7 76    10.5   272.0   20.44    0.00

15 [illegible]  7 76     7.6   246.4   22.67    0.00

16 [illegible]  7 76     6.3   251.7   24.58    0.00

17 [illegible]  7 76    15.2   264.4   23.67    0.00

18 [illegible]  7 76    13.[illegible]   254.6   19.[illegible]    0.00

19 [illegible]  7 76     5.6   261.1   20.45    0.00

20 [illegible]  7 76     2.6   322.1   17.84    0.00

21 [illegible]  7 76     6.7   294.9   15.67    0.00

22 [illegible]  7 76     7.1   285.9   13.34    0.00

23 [illegible]  7 76     9.1   279.7   12.54    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE TOWER

        METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 21  7 76      8.9  288.5   12.01    0.00

 1 21  7 76      7.3  297.0   11.33    0.00

 2 21  7 76      7.5  251.1   10.19    0.00

 3 21  7 76      6.6  239.4   10.19    0.00

 4 21  7 76      7.7  290.7    9.55    0.00

 5 21  7 76      5.6  283.0    8.35    0.00

 6 21  7 76      5.1  295.1    9.59    0.00

 7 21  7 76      2.0   51.7   15.04    0.00

 8 21  7 76      4.[illegible]   7[illegible]   13.95    0.00

 9 21  7 76      5.[illegible]   64.[illegible]   21.15    0.00

10 21  7 76      4.[illegible]   2[illegible].1   23.55    0.00

11 21  7 76      5.7  197.2   24.05    0.00

12 21  7 76      7.4  251.4   24.66    0.00

13 21  7 76      [illegible]  290.5   25.65    0.00

14 21  7 76      6.9  279.6   26.11    0.00

15 21  7 76    999.0  999.0  999.00    0.00

16 21  7 76    999.0  999.0  999.00    0.00

17 21  7 76    999.0  999.0  999.00    0.00

18 21  7 76    999.0  999.0  999.00    0.00

19 21  7 76    999.0  999.0  999.00    0.00

20 21  7 76    999.0  999.0  999.00    0.00

21 21  7 76    999.0  999.0  999.00    0.00

22 21  7 76    999.0  999.0  999.00    0.00

23 21  7 76    999.0  999.0  999.00    0.00
```

```
[illegible]

          [illegible]ETEOROLOGICAL DATA
HR DY MO YR    [illegible]   [illegible]   [illegible]      [illegible]
-- -- -- --    +---------------------------------------+

 0 22  7 76    999.0   999.0   999.00      0.00

 1 22  7 76    999.0   999.0   999.00      0.00

 2 22  7 76    999.0   999.0   999.00      0.00

 3 22  7 76    999.0   999.0   999.00      0.00

 4 22  7 76    999.0   999.0   999.00      0.00

 5 22  7 76    999.0   999.0   999.00      0.00

 6 22  7 76    999.0   999.0   999.00      0.00

 7 22  7 76    999.0   999.0   999.00      0.00

 8 22  7 76    999.0   999.0   999.00      0.00

 9 22  7 76    999.0   999.0   999.00      0.00

10 22  7 76    999.0   999.0   999.00      0.00

11 22  7 76    999.0   999.0   999.00      0.00

12 22  7 76    999.0   999.0   999.00      0.00

13 22  7 76    999.0   999.0   999.00      0.00

14 22  7 76    999.0   999.0   999.00      0.00

15 22  7 76    999.0   999.0   999.00      0.00

16 22  7 76    999.0   999.0   999.00      0.00

17 22  7 76    999.0   999.0   999.00      0.00

18 22  7 76    999.0   999.0   999.00      0.00

19 22  7 76    999.0   999.0   999.00      0.00

20 22  7 76    999.0   999.0   999.00      0.00

21 22  7 76    999.0   999.0   999.00      0.00

22 22  7 76    999.0   999.0   999.00      0.00

23 22  7 76    999.0   999.0   999.00      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

             METEOROLOGICAL DATA
HR DY MO YR       STD   [illegible]   AT1       [illegible]
++ ++ ++ ++    +-----------------------------------+

 0 23  7 76   999.0   999.0   999.00     0.00

 1 23  7 76   999.0   999.0   999.00     0.00

 2 23  7 76   999.0   999.0   999.00     0.00

 3 23  7 76   999.0   999.0   999.00     0.00

 4 23  7 76   999.0   999.0   999.00     0.00

 5 23  7 76   999.0   999.0   999.00     0.00

 6 23  7 76   999.0   999.0   999.00     0.00

 7 23  7 76   999.0   999.0   999.00     0.00

 8 23  7 76   999.0   999.0   999.00     0.00

 9 23  7 76   999.0   999.0   999.00     0.00

10 23  7 76   999.0   999.0   999.00     0.00

11 23  7 76   999.0   999.0   999.00     0.00

12 23  7 76   999.0   999.0   999.00     0.00

13 23  7 76   999.0   999.0   999.00     0.00

14 23  7 76   999.0   999.0   999.00     0.00

15 23  7 76   999.0   999.0   999.00     0.00

16 23  7 76     1.1    70.0    21.59     0.00

17 23  7 76     7.0    47.3    22.24     0.10

18 23  7 76     8.4    51.5    24.27     0.00

19 23  7 76     5.6    79.5    27.34     0.00

20 23  7 76     5.9   201.1    21.59     0.00

21 23  7 76     6.    227.9    13.25     0.13

22 23  7 76     7.2   293.6    15.49     1.00

23 23  7 76     5.5   297.3    14.76     1.00
```

```
[illegible]

           [illegible]
[illegible]        [illegible]    [illegible]     AT[illegible]      [illegible]
** ** ** **    +-------------------------------+

 0 24  7 76      .5   285.     14.[illegible]     [illegible].
 1 24  7 76     4.8   [illegible]1.    12.72     0.[illegible]
 2 24  7 76     7.1   [illegible]     11.56     [illegible]
 3 24  7 76     7.2   [illegible].4    10.57     [illegible]
 4 24  7 76     7.1   [illegible]4.    1[illegible].[illegible]1     [illegible]
 5 24  7 76     7.8   [illegible]     [illegible].4[illegible]     [illegible]
 6 24  7 76     6.[illegible]   [illegible].4    1[illegible].[illegible]5     [illegible]
 7 24  7 76     1.[illegible]   [illegible]4.[illegible]   17.2[illegible]     [illegible]
 8 24  7 76     2.2     1.2    21.2[illegible]     [illegible]
 9 24  7 76     4.5   [illegible]     23.0[illegible]     [illegible]
10 24  7 76     7.    [illegible]5.[illegible]   24.42     [illegible]
11 24  7 76     6.1   1[illegible].[illegible]   25.76     [illegible]
12 24  7 76     5.[illegible]   31[illegible].2    27.[illegible]7     [illegible]
13 24  7 76     5.[illegible]   285.2    27.[illegible]2     [illegible]
14 24  7 76     5.4   [illegible].6    27.22     [illegible]
15 24  7 76     2.2   12[illegible].[illegible]   27.26     [illegible]
16 24  7 76     4.[illegible]   237.2    27.[illegible]1     [illegible]
17 24  7 76    11.[illegible]   242.[illegible]   27.55     [illegible]
18 24  7 76     [illegible].   243.1    27.31     [illegible]
19 24  7 76     3.7   172.[illegible]   26.72     [illegible]
20 24  7 76     2.3   271.6    21.36     [illegible]
21 24  7 76     6.[illegible]   2[illegible]2.1    18.[illegible]     [illegible]
22 24  7 76     5.6   222.7    17.[illegible]     [illegible]
23 24  7 76     5.[illegible]   [illegible]     16.[illegible]     [illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 25  7 76      2.5  [illegible]  15.17     0.00

 1 25  7 76     12.2  255.4   22.01     0.00

 2 25  7 76      5.1  264.4   21.54     0.00

 3 25  7 76      5.3   77.7   19.[illegible]     0.00

 4 25  7 76      5.7  247.9   1[illegible].9[illegible]     0.00

 5 25  7 76      4.7  243.5   19.21     0.00

 6 25  7 76      3.2  254.6   1[illegible].[illegible]     0.00

 7 25  7 76      4.7  250.[illegible]   19.75     0.00

 8 25  7 76      7.5  242.1   22.2[illegible]     0.00

 9 25  7 76      [illegible].5  [illegible]   23.21     0.00

10 25  7 76   999.    999.0  999.00     0.00

11 25  7 76   999.0   999.0  999.00     0.00

12 25  7 76   999.0   999.0  999.00     0.00

13 25  7 76   999.    999.0  999.00     0.00

14 25  7 76   999.0   999.0  999.00     0.00

15 25  7 76   999.0   999.0  999.00     0.00

16 25  7 76   999.    999.0  999.00     0.00

17 25  7 76   999.0   999.0  999.00     0.00

18 25  7 76   999.0   999.   999.00     0.00

19 25  7 76   999.0   999.0  999.00     0.00

20 25  7 76   999.0   999.0  999.00     0.00

21 25  7 76   999.    999.0  999.00     0.00

22 25  7 76   999.0   999.0  999.00     0.00

23 25  7 76   999.0   999.0  999.00     0.00
```

```
[illegible] OIL SHALE PROJECT  SITE THREE

        METEOROLOGICAL DATA
HR DY MO YR    SPD. DIRECT   TEMP       [illegible]
** ** ** **   +--------------------------------+

 0 26  7 76   999.[illegible]  999.   999.[illegible]    [illegible].[illegible]

 1 26  7 76   999.[illegible]  999.   999.[illegible]    [illegible].[illegible]

 2 26  7 76   999.   999.   999.      [illegible].[illegible]

 3 26  7 76   999.7  999.[illegible]  999.[illegible]    1.[illegible]

 4 26  7 76   999.[illegible]  999.   999.      [illegible].[illegible]

 5 26  7 76   999.[illegible]  999.[illegible]  999.[illegible]    [illegible].[illegible]

 6 26  7 76   999.[illegible]  999.[illegible]  999.[illegible]    [illegible].[illegible]

 7 26  7 76   999.[illegible]  999.[illegible]  999.[illegible]    [illegible].[illegible]

 8 26  7 76   999.   999.   999.[illegible]    [illegible].[illegible]

 9 26  7 76   999.[illegible]  999.[illegible]  999.[illegible]    [illegible].[illegible]

10 26  7 76   999.[illegible]  999.[illegible]  999.[illegible]    [illegible].[illegible]

11 26  7 76     7.[illegible]    1.2   21.4[illegible]    [illegible].[illegible]

12 26  7 76     6.[illegible]  225.2   22.95    [illegible].[illegible]

13 26  7 76     3.[illegible]  2[illegible].7   21.[illegible]    [illegible].[illegible]

14 26  7 76     7.[illegible]  1[illegible].3   23.[illegible]    [illegible].[illegible]

15 26  7 76    11.[illegible]  2[illegible].7   23.25    [illegible].[illegible]

16 26  7 76    11.2  259.1   1[illegible].25    [illegible].[illegible]

17 26  7 76     7.7  2[illegible].7   22.77    [illegible].[illegible]

18 26  7 76     7.3  2[illegible].4   23.73    [illegible].[illegible]

19 26  7 76     5.7   46.2   22.06    [illegible].[illegible]

20 26  7 76     6.4  279.9   16.99    0.[illegible]

21 26  7 76     [illegible].2  276.9   14.82    0.[illegible]

22 26  7 76     [illegible].[illegible]  282.[illegible]   13.92    [illegible].[illegible]

23 26  7 76     [illegible].5  281.4   14.[illegible]    [illegible].[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     WS10   WD10    AT10      PREC
++ ++ ++ ++    +---------------------------------+

 0 27  7 76      5.7  265.?   13.25      0.00

 1 27  7 76    999.0  999.0  999.00      0.00

 2 27  7 76    999.0  999.0  999.00      0.00

 3 27  7 76    999.0  999.0  999.00      0.00

 4 27  7 76    999.0  999.0  999.00      0.00

 5 27  7 76    999.0  999.0  999.00      0.00

 6 27  7 76    999.0  999.0  999.00      0.00

 7 27  7 76    999.0  999.0  999.00      0.00

 8 27  7 76    999.0  999.0  999.00      0.00

 9 27  7 76    999.0  999.0  999.00      0.00

10 27  7 76    999.0  999.0  999.00      0.00

11 27  7 76    999.0  999.0  999.00      0.00

12 27  7 76      7.4   19.5   24.??      0.00

13 27  7 76      7.2  354.7   26.12      0.00

14 27  7 76      7.5   23.?   27.17      0.00

15 27  7 76      9.?  313.4   27.59      0.00

16 27  7 76      6.4   77.?   26.9?      0.00

17 27  7 76      5.5   ??.?   27.7?      0.00

18 27  7 76      9.5  242.?   26.51      0.00

19 27  7 76      4.6  292.6   26.35      0.00

20 27  7 76      6.5  293.8   21.80      0.00

21 27  7 76      3.5  199.3   17.47      0.00

22 27  7 76      7.2  282.2   15.29      0.01

23 27  7 76      7.3  ?35.2   16.11      0.00
```

```
                         [illegible]

              METEOROLOGICAL DATA
 [illegible]              [illegible]   AT[illegible]   [illegible]
 ++ ++ ++ ++   +--------------------------------+

    28  7 76    [illegible]  [illegible]   10.5[illegible]   [illegible]

  1 28  7 76    2.7   [illegible]   12.2[illegible]   [illegible]

  2 28  7 76    5.6   272.1   12.77   0.[illegible]

  3 28  7 76    [illegible]   273.[illegible]   12.95   0.[illegible]

  4 28  7 76    4.4   292.1    9.56   [illegible]

  5 28  7 76    6.3   275.2   10.01   0.[illegible]

  6 28  7 76    6.9   293.7   11.61   0.[illegible]

  7 28  7 76    4.1    64.9   13.9[illegible]   0.0[illegible]

  8 28  7 76    5.4    41.[illegible]   17.95   [illegible]

  9 28  7 76    4.[illegible]    37.1   22.04   [illegible]

 10 28  7 76    6.4    53.7   23.52   0.[illegible]

 11 28  7 76    2.7    76.3   25.[illegible]   [illegible]

 12 28  7 76    5.[illegible]   [illegible]   26.79   [illegible]

 13 28  7 76   10.4   291.[illegible]   28.01   [illegible]

 14 28  7 76   11.9   277.4   28.15   0.0[illegible]

 15 28  7 76    5.7   249.8   28.45   0.01

 16 28  7 76   11.1   [illegible]   28.37   [illegible]

 17 28  7 76   10.5   [illegible]   29.43   0.0[illegible]

 18 28  7 76    7.7   310.0   27.37   0.0[illegible]

 19 28  7 76    5.[illegible]   2[illegible].4   26.53   0.0[illegible]

 20 28  7 76    7.[illegible]   257.3   19.89   0.0[illegible]

 21 28  7 76    7.3   277.3   18.52   0.0[illegible]

 22 28  7 76    6.[illegible]   2[illegible]4.2   17.95   0.0[illegible]

 23 28  7 76    5.[illegible]   [illegible].5   17.53   [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDP10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 29  7 76      3.7  111.6    15.01     0.00

 1 29  7 76      3.2  273.1    14.60     0.00

 2 29  7 76      5.5  [illegible]  17.0[illegible]  0.00

 3 29  7 76      7.6  [illegible]  14.63  0.00

 4 29  7 76      7.4  273.7    13.75     0.00

 5 29  7 76      4.2  [illegible]  12.45  0.00

 6 29  7 76      5.1  266.3    11.54     0.00

 7 29  7 76      2.6  315.3    17.47     0.00

 8 29  7 76      5.6   [illegible]  19.02  0.00

 9 29  7 76      7.    63.1    23.54     0.00

10 29  7 76      7.5   43.3    26.29     0.00

11 29  7 76      5.5   32.[illegible]  27.[illegible]1  0.00

12 29  7 76      4.6  10[illegible]  [illegible].24  0.00

13 29  7 76     10.5  276.9    [illegible]   0.00

14 29  7 76      9.7  305.7    28.43     0.00

15 29  7 76     12.2  267.9    28.11     0.00

16 29  7 76     11.2  291.9    27.57     0.00

17 29  7 76      3.9  272.3    27.36     0.00

18 29  7 76      7.2  2[illegible]0.5  27.46  0.00

19 29  7 76      7.1   51.2    25.[illegible]4  0.00

20 29  7 76      1.6   22.6    23.73     0.00

21 29  7 76      7.4  293.9    18.22     0.00

22 29  7 76      7.2  292.5    16.60     0.00

23 29  7 76      6.7  294.5    16.91     0.00
```

```
[illegible]

                 [illegible]
[illegible]
** ** ** **    +-----------------------------------------+

 0 30  7 76    [illegible]  [illegible]  15.[illegible]  [illegible]
 1 30  7 76    [illegible]  [illegible]  14.5[illegible]  [illegible]
 2 30  7 76    5.[illegible]  [illegible]  15.51  [illegible]
 3 30  7 76    [illegible]  [illegible]  14.95  [illegible]
 4 30  7 76    5.[illegible]  [illegible]  15.[illegible]  [illegible]
 5 30  7 76    [illegible]  [illegible]  14.4[illegible]  [illegible]
 6 30  7 76    [illegible]  [illegible].1  13.71  0.[illegible]
 7 30  7 76    3.1  2[illegible].1  16.5[illegible]  [illegible]
 8 30  7 76    2.[illegible]  [illegible]  21.6[illegible]  [illegible]
 9 30  7 76    3.2  [illegible]7.5  24.13  [illegible]
10 30  7 76    5.5   9[illegible].6  24.3[illegible]  [illegible]
11 30  7 76    [illegible]  [illegible].4  2[illegible].01  [illegible]
12 30  7 76    7.5  137.[illegible]  27.21  [illegible]
13 30  7 76    6.[illegible]  247.[illegible]  29.[illegible]1  [illegible]
14 30  7 76   13.7  3[illegible].[illegible]  28.27  [illegible]1
15 30  7 76    [illegible].4  345.7  25.58  0.[illegible]
16 30  7 76    [illegible].2    5.7  27.96  [illegible]
17 30  7 76    3.[illegible]   16.4  27.94  0.0[illegible]
18 30  7 76    5.1  283.4  24.26  [illegible]
19 30  7 76    6.1  2[illegible]1.2  23.24  0.0[illegible]
20 30  7 76   1[illegible].3  269.7  2[illegible].49  [illegible]
21 30  7 76   12.1  262.[illegible]  17.03  0.0[illegible]
22 30  7 76    [illegible]  321.5  17.47  [illegible]
23 30  7 76    5.[illegible]   [illegible].7  16.[illegible]  [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 31  7 76   999.0  999.0  999.00    0.00

 1 31  7 76   999.0  999.0  999.00    0.00

 2 31  7 76   999.0  999.0  999.00    0.00

 3 31  7 76   999.0  999.0  999.00    0.00

 4 31  7 76   999.0  999.0  999.00    0.00

 5 31  7 76   999.0  999.0  999.00    0.00

 6 31  7 76   999.0  999.0  999.00    0.00

 7 31  7 76   999.0  999.0  999.00    0.00

 8 31  7 76   999.0  999.0  999.00    0.00

 9 31  7 76   999.0  999.0  999.00    0.00

10 31  7 76   999.0  999.0  999.00    0.00

11 31  7 76   999.0  999.0  999.00    0.00

12 31  7 76   999.0  999.0  999.00    0.00

13 31  7 76   999.0  999.0  999.00    0.00

14 31  7 76   999.0  999.0  999.00    0.00

15 31  7 76     5.8  341.5   25.74    0.00

16 31  7 76     7.1  345.9   26.25    0.00

17 31  7 76     7.4   20.0   25.53    0.00

18 31  7 76     5.5  300.3   26.71    0.00

19 31  7 76    13.1  257.4   25.08  999.00

20 31  7 76     4.3  132.0   15.15    0.16

21 31  7 76     4.0  135.1   14.62    0.02

22 31  7 76     3.1    3.7   14.71    0.01

23 31  7 76     3.2   36.5   13.51    0.01
```

```
 RIO BLANCO OIL SHALE PROJECT SITE [illegible]

              METEOROLOGICAL DATA
 [illegible]               [illegible]  [illegible]1       [illegible]1      [illegible]
 -+  ++  ++  ++     +-----------------------------------+

  0   1   8 76       3.5  27[illegible].     12.[illegible]     0.[illegible]
  1   1   8 76       4.3  283.9     12.55     0.[illegible]
  2   1   8 76       2.2   16.1     12.31     0.0[illegible]
  3   1   8 76       3.7  238.5     13.19     0.0[illegible]
  4   1   8 76       3.2  [illegible].1     13.66     [illegible]
  5   1   8 76       4.[illegible]  2[illegible].5     13.55     [illegible]
  6   1   8 76       2.[illegible]  2[illegible].8     13.6[illegible]     0.[illegible]1
  7   1   8 76       3.[illegible]  2[illegible].[illegible]     13.71     0.01
  8   1   8 76       1.7  112.5     15.93     0.0[illegible]
  9   1   8 76       3.2  [illegible]9.6     15.9[illegible]     0.0[illegible]
 10   1   8 76       2.7  143.4     17.[illegible]     [illegible]
 11   1   8 76       3.5  3[illegible].5     19.41     0.[illegible]
 12   1   8 76       3.[illegible]  316.[illegible]     20.[illegible]7     [illegible]
 13   1   8 76       7.1  194.5     1[illegible].41     0.[illegible]
 14   1   8 76       4.2  225.5     19.51     0.0[illegible]
 15   1   8 76       6.3  179.4     19.[illegible]     0.0[illegible]
 16   1   8 76       7.9  128.1     19.9[illegible]     0.0[illegible]
 17   1   8 76       [illegible].2  2[illegible].[illegible]     1[illegible].5[illegible]     0.0[illegible]
 18   1   8 76       3.[illegible]   40.6     13.26     0.[illegible]
 19   1   8 76       4.[illegible]   33.2     16.54     0.0[illegible]
 20   1   8 76       2.1  226.7     15.53     0.0[illegible]
 21   1   8 76       [illegible].3  251.4     14.75     0.0[illegible]
 22   1   8 76       4.[illegible]  2[illegible].1     14.24     0.0[illegible]
 23   1   8 76       4.[illegible]  2[illegible].3     13.75     0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++   +---------------------------------+

 0  2  8 76     5.7  274.4   13.24     0.00

 1  2  8 76     2.1  301.2   11.90     0.00

 2  2  8 76     4.5  265.8   11.75     0.00

 3  2  8 76     2.4  277.3   11.65     0.00

 4  2  8 76     3.[illegible]  2[illegible]3.[illegible]   11.77     0.00

 5  2  8 76     3.4  266.5   12.[illegible]     0.00

 6  2  8 76     4.[illegible]  273.[illegible]   12.5[illegible]     0.00

 7  2  8 76     4.3  2[illegible]3.[illegible]   13.52     0.00

 8  2  8 76     4.7   71.2   13.76     0.00

 9  2  8 76     4.3   65.8   14.09     0.00

10  2  8 76     3.[illegible]   75.4   1[illegible].[illegible]     0.00

11  2  8 76     5.1   35.4   17.84     0.00

12  2  8 76     6.7   60.2   19.31     0.00

13  2  8 76     5.9   72.7   21.03     0.00

14  2  8 76     9.7  274.7   18.29     0.00

15  2  8 76     1.6  345.6   21.32     0.00

16  2  8 76     2.5    3.5   22.65     0.00

17  2  8 76     5.7   71.6   22.64     0.00

18  2  8 76     5.9  115.3   22.21     0.00

19  2  8 76     5.1   72.7   20.32     0.00

20  2  8 76     6.9  213.4   15.98     0.00

21  2  8 76     3.1  283.1   13.79     0.00

22  2  8 76     5.[illegible]  259.[illegible]   13.[illegible]4     0.00

23  2  8 76     7.7  259.3   14.27     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE TRACT

          METEOROLOGICAL DATA
 HR DY MO YR    WSPD  WDIR     ATEMP     PREC
 ++ ++ ++ ++   +----------------------------------+

  0  3  8 76     5.2  241.1    11.34     0.00
  1  3  8 76     5.1  257.4    10.26     0.00
  2  3  8 76     5.3  [illegible]    [illegible]     0.00
  3  3  8 76     5.5  282.5     9.[illegible]     0.00
  4  3  8 76     6.3  251.8    12.5[illegible]     0.00
  5  3  8 76     4.2  123.9    11.76     0.00
  6  3  8 76     4.5  274.9    13.50     0.00
  7  3  8 76     4.3  274.2    14.[illegible]5     0.00
  8  3  8 76     4.[illegible]  117.[illegible]    15.5[illegible]     0.00
  9  3  8 76     6.1   94.9    16.1[illegible]     0.00
 10  3  8 76     4.2   9[illegible].[illegible]    2[illegible].[illegible]     0.00
 11  3  8 76    13.3  24[illegible].[illegible]    23.12     0.00
 12  3  8 76    15.2  235.3    23.36     0.00
 13  3  8 76    13.2  244.[illegible]    23.22     0.00
 14  3  8 76    12.[illegible]  222.[illegible]    24.37     0.00
 [illegible]
 16  3  8 76    17.[illegible]  233.5    21.14     0.00
 17  3  8 76    1[illegible].[illegible]  277.[illegible]    22.94     0.00
 18  3  8 76     [illegible].7   77.[illegible]    19.21     0.00
 19  3  8 76     3.2  269.[illegible]    16.31     0.00
 20  3  8 76     7.[illegible]  288.[illegible]    13.56     0.00
 21  3  8 76     7.1  2[illegible].2    12.26     0.00
 22  3  8 76     6.1  233.9    11.45     0.00
 23  3  8 76     7.[illegible]  244.[illegible]    12.16     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10      AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  4  8 76      5.7  295.4     [illegible]  0.00

 1  4  8 76      5.3  294.2     9.36     0.00

 2  4  8 76      5.3  [illegible]  9.1[illegible]  0.00

 3  4  8 76      6.1  294.      [illegible]  0.00

 4  4  8 76      6.3  291.3     7.92     0.00

 5  4  8 76      6.1  291.7     7.75     0.00

 6  4  8 76      5.[illegible]  [illegible]  8.01     0.00

 7  4  8 76      3.4  [illegible]  11.[illegible]1  0.00

 8  4  8 76      5.5  [illegible]7.0  16.23    0.00

 9  4  8 76     10.1  213.4    21.[illegible]7  0.00

10  4  8 76     12.3  233.9    21.7      0.00

11  4  8 76     11.7  242.9    22.12     0.00

12  4  8 76     13.7  241.9    22.2[illegible]  0.00

13  4  8 76     11.8  237.4    23.27     0.00

14  4  8 76     10.9  213.5    24.14     0.00

15  4  8 76     15.3  234.5    24.41     0.00

16  4  8 76     11.1  235.5    23.52     0.00

17  4  8 76     12.7  222.1    24.51     0.00

18  4  8 76     17.6  255.5    23.89     0.00

19  4  8 76      6.5  257.8    23.95     0.00

20  4  8 76      7.9  256.4    15.24     0.00

21  4  8 76      6.7  273.0    13.21     0.00

22  4  8 76      4.9  221.7    10.85     0.00

23  4  8 76      7.4  232.3     9.33     0.00
```

```
[illegible]

              [illegible]LOGICAL DATA
[illegible]                    [illegible]   [illegible]   AT[illegible]   [illegible]
 ++  ++  ++  ++    +-------------------------------+

 [illegible]  5 [illegible] 76    [illegible]  2[illegible]1.[illegible]  [illegible].5[illegible]  [illegible]
 [illegible]  5 [illegible] 76    [illegible].1  [illegible]  [illegible]  [illegible]
 [illegible]  5 [illegible] 76    7.[illegible]  2[illegible]4.[illegible]  [illegible].5[illegible]  [illegible]
 [illegible]  5 [illegible] 76    [illegible]  2[illegible].4  [illegible]  [illegible]
 [illegible]  5 [illegible] 76    7.[illegible]  2[illegible].4   6.9[illegible]  [illegible]
 [illegible]  5 [illegible] 76    [illegible]  2[illegible]4.4  [illegible]  [illegible]
 [illegible]  5 [illegible] 76    [illegible]  [illegible]  [illegible].4[illegible]  [illegible]
  7  5 [illegible] 76    4.[illegible]  [illegible]  10.44  [illegible]
 [illegible]  5 [illegible] 76    4.5  114.1  14.[illegible]  [illegible]
 [illegible]  5 [illegible] 76    4.3  [illegible]  1[illegible]  [illegible]
 [illegible]  5 [illegible] 76    5.[illegible]  [illegible]  2[illegible].4[illegible]  [illegible]
 1[illegible]  5 [illegible] 76    5.7  1[illegible]  22.3[illegible]  [illegible]
 1[illegible]  5 [illegible] 76    5.[illegible]  31[illegible]  24.[illegible]  [illegible]
 1[illegible]  5 [illegible] 76    7.2  144.[illegible]  25.1[illegible]  [illegible]
 14  5 [illegible] 76   1[illegible].7  234.4  25.3[illegible]  [illegible]
 1[illegible]  5 [illegible] 76   1[illegible].7  2[illegible]4.[illegible]  25.5[illegible]  [illegible]
 1[illegible]  5 [illegible] 76    7.[illegible]  15[illegible]  25.[illegible]  [illegible]
 1[illegible]  5 [illegible] 76   11.5  244.1  25.4[illegible]  [illegible]
 1[illegible]  [illegible] [illegible] [illegible]    [illegible].4  2[illegible]  25.2[illegible]  [illegible]
 1[illegible]  [illegible] [illegible] [illegible]    [illegible].7  2[illegible]6.4  22.67  0.[illegible]
 [illegible]  [illegible] [illegible] 76    [illegible].1  2[illegible]  15.0[illegible]  0.[illegible]
 [illegible]  [illegible] [illegible] 76    [illegible].4  2[illegible].4  13.47  [illegible]
 [illegible]  [illegible] [illegible] 76    [illegible]  291.3  12.6[illegible]  [illegible]
 [illegible]  [illegible] [illegible] [illegible]    [illegible].4  2[illegible]  11.47  [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WD10   AT10     PREC
++  ++  ++  ++    +----------------------------------+

 0   6   8  76      7.3  283.4   10.04     0.00

 1   6   8  76      5.5  276.2    8.50     0.00

 2   6   8  76      4.8  273.9    6.50     0.00

 3   6   8  76      4.5  275.6    4.73     0.00

 4   6   8  76      5.8  265.2    4.82     0.00

 5   6   8  76      4.7  272.6    3.26     0.00

 6   6   8  76      4.9  266.5    5.17     0.00

 7   6   8  76      2.2  257.1   11.72     0.00

 8   6   8  76      6.9   79.5   17.58     0.00

 9   6   8  76      9.5  219.8   23.40     0.00

10   6   8  76      7.9  224.0   24.71     0.00

11   6   8  76     13.3  225.9   24.65     0.00

12   6   8  76     11.5  226.5   25.71     0.00

13   6   8  76     13.4  225.9   26.36     0.00

14   6   8  76     16.6  242.4   26.60     0.00

15   6   8  76     19.2  249.3   27.27     0.00

16   6   8  76     15.1  224.7   27.46    .0.00

17   6   8  76     14.3  227.7   27.56     0.00

18   6   8  76     14.9  243.9   26.72     0.00

19   6   8  76      7.3  222.2   25.42     0.00

20   6   8  76      7.0  233.9   17.65     0.00

21   6   8  76      7.6  236.3   15.00     0.00

22   6   8  76      8.6  271.5   13.08     0.00

23   6   8  76      5.3  276.7   10.99     0.00
```

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	YR	[illegible]	[illegible]	[illegible]	[illegible]
++	++	++	++				
[illegible]	7	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
1	7	8	76	[illegible]	[illegible]	[illegible]	[illegible]
2	7	[illegible]	76	[illegible]	[illegible]	7.31	[illegible]
3	7	8	76	[illegible]	[illegible]	6.56	[illegible]
4	7	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
5	7	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
6	7	[illegible]	76	4.7	[illegible]	[illegible]	[illegible]
7	7	[illegible]	76	[illegible]	[illegible]	15.76	[illegible]
8	7	[illegible]	76	7.3	202.9	[illegible]	0.00
9	7	[illegible]	76	[illegible]	232.1	24.46	[illegible]
10	7	[illegible]	76	17.2	229.4	[illegible]	[illegible]
11	7	8	76	15.5	[illegible]	[illegible]	[illegible]
12	7	8	76	19.4	[illegible]	26.58	[illegible]
13	7	8	76	16.8	[illegible]	[illegible]	[illegible]
14	7	8	76	23.5	234.5	25.14	[illegible]
15	7	[illegible]	76	[illegible]	237.1	[illegible]	[illegible]
16	7	[illegible]	76	[illegible]	241.7	28.27	[illegible]
17	7	8	76	13.1	[illegible]	[illegible]	[illegible]
18	7	[illegible]	76	[illegible]	[illegible]	23.08	[illegible]
19	7	[illegible]	76	14.2	[illegible]	20.53	0.00
20	7	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
21	7	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
22	7	[illegible]	76	7.6	[illegible]	17.96	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	195.1	[illegible]	[illegible]

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   8   8  76      5.5   127.0    17.39     0.00

 1   8   8  76      4.0   140.5    16.54     0.00

 2   8   8  76      4.9   261.1    15.96     0.00

 3   8   8  76      3.4   110.4    15.45     0.00

 4   8   8  76      3.6   256.5    12.54     0.00

 5   8   8  76      4.5   229.9    10.[illegible]     0.00

 6   8   8  76      6.4   279.6     9.01     0.00

 7   8   8  76      2.3   272.4    16.26     0.00

 8   8   8  76      9.5   230.4    20.26     0.00

 9   8   8  76     11.3   245.4    22.93     0.00

10   8   8  76     11.9   243.7    22.51     0.00

11   8   8  76     10.5   209.1    23.[illegible]1     [illegible]

12   8   8  76     17.3   224.7    24.07     0.00

13   8   8  76     12.0   212.2    24.[illegible]     0.[illegible]

14   8   8  76     12.4   220.5    25.34     0.00

15   8   8  76     12.5   197.2    23.0[illegible]     0.00

16   8   8  76     11.1   125.7    23.24     0.00

17   8   8  76     25.5   269.[illegible]    18.59     0.10

18   8   8  76     10.6   210.3    15.35     0.04

19   8   8  76      4.4   166.0    12.97     0.01

20   8   8  76      3.4    85.4    11.40     0.00

21   8   8  76      3.6    74.7    12.59     0.00

22   8   8  76      2.9    50.0    11.41     0.00

23   8   8  76      4.5   232.4     9.61     0.00
```

```
[illegible] PROJECT SITE THREE
[illegible]
[illegible]
** ** ** **   +------------------------------------+

[illegible]  9  8 76    18.    19[illegible].[illegible]   13.[illegible]    0.
[illegible]  9  8 76    4.     1[illegible]2.[illegible]   12.7[illegible]   0.[illegible]
[illegible]  9  8 76    3.     2[illegible].       6.[illegible]4    [illegible].[illegible]
[illegible]  9  8 76    4.[illegible]    2[illegible].[illegible]   [illegible].[illegible]7   0.[illegible]
[illegible]  9  8 76    4.1    2[illegible]5.[illegible]    7.67     0.
[illegible]  9  8 76    4.[illegible]    26[illegible].[illegible]    7.47     0.[illegible]
[illegible]  9  8 76    7.     27[illegible].2    6.35     0.[illegible]
 7  9  8 76    2.[illegible]    2[illegible]0.[illegible]   1[illegible].9[illegible]   0.00
[illegible]  9  8 76    2.1    11[illegible].5    15.[illegible]4    0.[illegible]
[illegible]  9  8 76    3.     232.7    [illegible].[illegible]    0.[illegible]
10  9  8 76    3.[illegible]    220.4    21.[illegible]    0.[illegible]
11  9  8 76    11.    24[illegible].4    22.[illegible]    0.[illegible]
12  9  8 76    12.[illegible]   225.[illegible]    23.72    0.[illegible]
13  9  8 76    12.[illegible]   22[illegible].     23.54    0.[illegible]
14  9  8 76    10.6   239.4    23.18    0.[illegible]
15  9  8 76    12.[illegible]   21[illegible].[illegible]   24.41    0.[illegible]
16  9  8 76    13.[illegible]   244.1    24.[illegible]    0.0[illegible]
17  9  8 76    12.[illegible]   24[illegible].[illegible]   24.16    0.[illegible]
18  9  8 76    12.[illegible]   232.1    24.1[illegible]   0.0[illegible]
19  9  8 76    6.4    24[illegible].4    22.[illegible]4   0.[illegible]
20  9  8 76    7.1    2[illegible].[illegible]    14.[illegible]    0.[illegible]
21  9  8 76    [illegible].     2[illegible]5.2    12.66    0.[illegible]
22  9  8 76    7.1    225.[illegible]    12.5[illegible]   0.00
23  9  8 76    [illegible].[illegible]    2[illegible].4    13.4[illegible]   0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WD10    AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0 10  8 76       6.5  305.4   12.59      0.00

 1 10  8 76       8.7  249.4   10.35      0.00

 2 10  8 76       9.   [illegible]    9.[illegible]      .00

 3 10  8 76       8.6  221.4    9.32      0.00

 4 10  8 76       7.7  224.[illegible]    [illegible].91      0.00

 5 10  8 76       4.1  235.0    7.81      0.00

 6 10  8 76       6.2  226.2    7.41      0.00

 7 10  8 76       4.[illegible]  301.1   12.50      0.00

 8 10  8 76       5.0  234.7   17.70      0.00

 9 10  8 76      11.4  257.8   22.34      0.00

10 10  8 76      15.2  247.2   23.[illegible]       .00

11 10  8 76      13.3  251.4   23.40      0.00

12 10  8 76      12.7  235.5   24.08      0.00

13 10  8 76      15.9  227.[illegible]   23.62      0.01

14 10  8 76       9.4  256.5   23.62      0.00

15 10  8 76      14.2  247.0   24.91      0.00

16 10  8 76      12.7  229.[illegible]   21.07      0.00

17 10  8 76       9.4  207.7   17.92      0.03

18 10  8 76       7.1  229.4   19.95      0.00

19 10  8 76       2.1   91.1   16.34      0.00

20 10  8 76       5.5  345.1   17.73      0.00

21 10  8 76       6.7  275.3   14.17      0.01

22 10  8 76       6.9  292.8   13.24      0.00

23 10  8 76       6.2  293.4   12.53      0.01
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
 HR DY MO YR      WS10  WD10    AT10    PREC
 ++ ++ ++ ++    +-------------------------------+

  0 11  8 76     3.3  320.0   11.35     0.00

  1 11  8 76     5.8  227.0   10.56     0.00

  2 11  8 76     3.1  117.4   12.42     0.00

  3 11  8 76     2.9  252.7   10.42     0.00

  4 11  8 76     5.7  256.4    9.57     0.00

  5 11  8 76     [illegible]  279.5    7.83     0.00

  6 11  8 76     7.3  279.2    7.25     0.00

  7 11  8 76     2.7  231.5   10.99     0.00

  8 11  8 76     2.1   61.7   14.92     0.00

  9 11  8 76     3.1   56.1   19.26     0.00

 10 11  8 76     4.3  351.2   21.11     0.00

 11 11  8 76     6.5  117.3   22.72     0.00

 12 11  8 76    10.3  261.6   23.77     0.00

 13 11  8 76     6.5  316.9   21.06     0.00

 14 11  8 76     5.4  306.0   21.74   999.00

 15 11  8 76     7.3  321.3   22.15     0.00

 16 11  8 76     8.2  203.7   20.55     0.01

 17 11  8 76     9.[illegible]  239.[illegible]   15.11     0.03

 18 11  8 76     5.1  277.7   13.27     0.01

 19 11  8 76     5.9    1.3   14.75     0.02

 20 11  8 76     9.7  224.2   13.15     1.02

 21 11  8 76     6.6  212.[illegible]   13.10     0.29

 22 11  8 76     3.5  274.5   14.37     0.00

 23 11  8 76     1.7  317.7   15.69     0.0[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR  DY MO YR      WS10  WD10     AT10      PREC
++  ++ ++ ++    +--------------------------------+

 0  12  8 76      5.1  290.1   [illegible]   0.00

 1  12  8 76      4.5  [illegible]   [illegible]   0.00

 2  12  8 76      3.4  271.0   [illegible]   0.00

 3  12  8 76      [illegible]  264.0    7.52     0.00

 4  12  8 76      6.2  [illegible]    5.96     [illegible]

 5  12  8 76      7.0  277.9    4.99     0.00

 6  12  8 76      5.9  281.5    5.17     0.00

 7  12  8 76      3.6  [illegible]    7.46     0.00

 8  12  8 76      3.5  122.1   14.81     0.00

 9  12  8 76      3.7   66.4   17.7      0.00

10  12  8 76      4.9   58.1   21.35     0.00

11  12  8 76      3.3  132.1   [illegible]   0.00

12  12  8 76     10.0  [illegible]   24.63     0.00

13  12  8 76     11.3  [illegible]   25.26     0.00

14  12  8 76     [illegible]  213.6   25.62     0.00

15  12  8 76     10.1  231.7   25.45     0.00

16  12  8 76      9.1  213.4   [illegible]   0.00

17  12  8 76      7.8  235.7   26.06     0.00

18  12  8 76      7.6  242.3   [illegible]   0.00

19  12  8 76      5.0  224.3   23.49     [illegible]

20  12  8 76      7.3  282.7   14.89     [illegible]

21  12  8 76      7.9  233.2   12.60     [illegible]

22  12  8 76      [illegible]  273.4   11.92     0.00

23  12  8 76      [illegible]  [illegible]   11.32     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR    ATMP     PREC
++ ++ ++ ++   +------------------------------+

 0 13  8 76    5.3  272.2    9.41     0.00

 1 13  8 76    4.8  281.4    8.65     0.00

 2 13  8 76    6.2  275.9    9.16     0.00

 3 13  8 76    6.1  254.5   17.67     0.00

 4 13  8 76    2.6  265.0   16.01     0.00

 5 13  8 76    2.7  233.4   14.11     0.00

 6 13  8 76    2.5  [illegible]   11.54     0.00

 7 13  8 76    2.4  304.5   13.36     0.00

 8 13  8 76    5.2   [illegible].1   14.90     0.00

 9 13  8 76    4.6   [illegible]   17.11     0.00

10 13  8 76    6.2  142.3   15.51     0.00

11 13  8 76    6.1   63.3   20.12     0.00

12 13  8 76   10.1   66.6   21.29     0.00

13 13  8 76    9.3   77.1   21.91     0.00

14 13  8 76    5.5   15.9   20.01     0.00

15 13  8 76    6.2  120.7   20.3[illegible]     0.00

16 13  8 76    9.6  184.8   22.13     0.01

17 13  8 76    9.0  161.2   23.73     0.00

18 13  8 76    5.6  129.0   22.25     0.00

19 13  8 76    4.5  261.7   20.0[illegible]     0.00

20 13  8 76    7.1  256.[illegible]   15.25     0.00

21 13  8 76    6.2  269.3   13.19     0.00

22 13  8 76    7.5  232.6   10.41     0.00

23 13  8 76    7.4  271.0    9.22     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

          METEOROLOGICAL DATA
HR DY MO YR      WSPD  WDIR     ATMP     PREC
++ ++ ++ ++    +------------------------------+

 0 14  8 76      7.3  274.2     6.63     0.00

 1 14  8 76      7.5  [illegible]  [illegible]  0.00

 2 14  8 76      7.4  283.4     7.05     0.00

 3 14  8 76      6.9  277.3     6.63     0.00

 4 14  8 76      7.0  272.5     6.03     0.00

 5 14  8 76      7.6  274.5     5.65     0.00

 6 14  8 76      7.2  283.0     6.62     0.00

 7 14  8 76      1.4  254.1    11.39     0.00

 8 14  8 76      3.6   54.3    16.89     0.00

 9 14  8 76      7.5   74.9    19.67     0.00

10 14  8 76     10.7  251.4    23.77     0.00

11 14  8 76     13.2  241.7    24.76     0.00

12 14  8 76      8.6  [illegible]  24.96   0.00

13 14  8 76     12.3  231.6    25.06     0.00

14 14  8 76     10.4  224.5    25.39     0.00

15 14  8 76     14.0  232.5    25.82     0.00

16 14  8 76     10.7  217.3    26.01     0.00

17 14  8 76     13.6  237.[illegible]  26.[illegible]5  0.00

18 14  8 76     13.1  226.8    25.53     0.00

19 14  8 76      5.5  257.8    22.24     0.00

20 14  8 76      7.9  279.0    14.68     0.00

21 14  8 76      3.2  236.9    13.08     0.00

22 14  8 76      7.7  270.0    12.01     0.00

23 14  8 76      2.7  109.4    10.90     0.00
```

```
[illegible] OIL [illegible] PROJECT  SITE  [illegible]

          METEOROLOGICAL DATA
HR DY MO YR     WSPD  WDIR    ATMP     PREC
++ ++ ++ ++   +-------------------------------+

 0 15  8 76     7.2  221.7   12.64     0.00

 1 15  8 76     7.2  245.0   12.02     0.00

 2 15  8 76     6.1  274.7   12.42     0.00

 3 15  8 76     6.8  225.0   11.17     0.00

 4 15  8 76     7.1  277.0   12.07     0.00

 5 15  8 76     5.0  230.2    9.27     0.00

 6 15  8 76     7.6  236.1    9.13     0.00

 7 15  8 76     4.1  127.9   17.52     0.00

 8 15  8 76    10.7  214.7   20.04     0.00

 9 15  8 76    14.3  230.2   21.01     0.00

10 15  8 76    16.3  227.1   21.47     0.00

11 15  8 76    15.5  216.2   22.5      0.00

12 15  8 76    18.2  220.1   22.73     0.00

13 15  8 76    17.7  216.8   23.40     0.00

14 15  8 76    15.0  221.7   23.66     0.00

15 15  8 76    15.3  222.4   23.94     0.00

16 15  8 76    15.2  221.9   23.46     0.00

17 15  8 76    12.2  227.5   23.34     0.00

18 15  8 76    15.2  241.7   23.23     0.00

19 15  8 76    10.7  255.9   21.44     0.00

20 15  8 76     6.3  273.4   15.43     0.00

21 15  8 76     7.5  231.3   12.57     0.00

22 15  8 76     7.2  250.2   12.33     0.00

23 15  8 76     3.7   53.1   10.60     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10   WD10    AT1       PREC
++ ++ ++ ++   +-------------------------------+

 0 16  8 76      5.4  272.0    7.16      0.00

 1 16  8 76      5.4  234.5    8.35      0.00

 2 16  8 76      5.0  274.6    7.60      0.00

 3 16  8 76      6.5  2[illegible]    6.93      0.00

 4 16  8 76      8.1  271.9    7.57      0.00

 5 16  8 76      6.5  250.6    7.12      0.00

 6 16  8 76      7.4  260.6    7.11      0.00

 7 16  8 76      5.4  259.9   13.22      0.00

 8 16  8 76     11.3  240.9   14.96      0.00

 9 16  8 76      9.4  239.9   19.20      0.00

10 16  8 76     12.5  244.9   20.12      0.00

11 16  8 76     12.   226.4   21.64      0.00

12 16  8 76     16.5  242.7   22.26      0.00

13 16  8 76     16.3  239.6   23.15      0.00

14 16  8 76     16.1  249.9   23.90      0.00

15 16  8 76     11.0  214.3   24.79      0.00

16 16  8 76     13.2  236.8   24.87      0.00

17 16  8 76     11.7  216.1   24.80      0.00

18 16  8 76      7.9  201.2   24.59      0.00

19 16  8 76      5.3  255.9   22.74      0.00

20 16  8 76      6.4  293.0   16.11      0.00

21 16  8 76      7.2  280.2   13.64      0.00

22 16  8 76      7.7  250.9   13.19      0.00

23 16  8 76      6.2  273.5   12.83      0.00
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WSPD	WDIR	ATEMP	PREC
++	++	++	++	+-------	--------	--------	-------+
[illegible]	17	8	76	5.5	294.7	12.61	[illegible]
1	17	8	76	5.6	289.5	12.21	0.00
2	17	8	76	5.0	282.7	11.9[illegible]	0.00
3	17	8	76	5.1	[illegible]	12.77	0.00
4	17	8	76	6.[illegible]	280.1	1[illegible].96	[illegible]
5	17	8	76	6.9	[illegible]	10.41	0.00
6	17	8	76	6.2	272.1	10.7	[illegible]
7	17	8	76	3.6	278.1	12.22	0.00
8	17	8	76	3.2	265.4	17.8[illegible]	[illegible]
9	17	8	76	7.5	177.7	21.[illegible]	0.00
10	17	8	76	[illegible]	190.7	22.7[illegible]	[illegible]
11	17	8	76	13.4	[illegible]	23.[illegible]	[illegible]
12	17	8	76	13.7	24[illegible].1	23.34	[illegible]
13	17	8	76	12.3	[illegible]	24.[illegible]	[illegible]
14	17	8	76	13.5	219.1	25.20	0.00
15	17	8	76	10.6	214.[illegible]	25.01	0.00
16	17	8	76	1[illegible].5	241.9	24.98	0.00
17	17	8	76	9.7	[illegible]	24.74	0.00
18	17	8	76	5.5	[illegible]	23.50	0.00
19	17	8	76	10.5	234.6	20.70	0.00
20	17	8	76	9.5	235.[illegible]	18.59	0.00
21	17	8	76	7.3	251.2	17.67	0.00
22	17	8	76	9.2	253.5	17.05	0.0[illegible]
23	17	8	76	5.4	254.1	13.12	0.0[illegible]

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     WS10   WD10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 18  8 76      4.1    74.[illegible]   12.5[illegible]     0.[illegible]3

 1 18  8 76      5.5   27[illegible].3   11.1[illegible]     0.00

 2 18  8 76      3.[illegible]   2[illegible]7.3    9.[illegible]     0.00

 3 18  8 76      6.[illegible]   277.7    8.43     0.00

 4 18  8 76      6.[illegible]   2[illegible]3.[illegible]    7.38     0.00

 5 18  8 76      4.[illegible]   275.[illegible]    7.42     0.00

 6 18  8 76      5.3   2[illegible]4.3    7.52     0.00

 7 18  8 76      3.4   27[illegible].2   10.4[illegible]     0.00

 8 18  8 76      2.6    [illegible]5.3   15.98     0.00

 9 18  8 76      3.4   352.4   16.54     0.00

10 18  8 76      6.3   211.2   19.79     0.00

11 18  8 76      7.5   2[illegible]1.1   21.19     0.00

12 18  8 76     10.8   242.7   21.37     0.00

13 18  8 76     10.5   253.4   23.[illegible]     0.00

14 18  8 76     1[illegible].9   233.1   23.[illegible]     0.[illegible]

15 18  8 76     1[illegible].2   2[illegible].[illegible]   24.51     0.[illegible]

16 18  8 76     1[illegible].4   234.9   24.[illegible]     0.00

17 18  8 76     12.1   248.6   24.91     0.00

18 18  8 76      9.3   248.4   23.74     0.00

19 18  8 76      6.5   257.5   21.74     0.00

20 18  8 76      5.1   27[illegible].7   16.94     0.00

21 18  8 76      3.9   270.7   14.42     0.00

22 18  8 76      3.[illegible]   25[illegible].7   12.1[illegible]     0.00

23 18  8 76      6.1   2[illegible]4.6   12.35     0.00
```

```
[illegible] BLANCO OIL SHALE PROJECT  [illegible]

              METEOROLOGICAL DATA
HR DY MO YR     WSPT  WDIR    [illegible]      PREC
++ ++ ++ ++    +--------------------------------+

 0 19  8 76     [illegible]  277.5   11.[illegible]    [illegible]

 1 19  8 76     2.4  [illegible]    9.84    [illegible]

 2 19  8 76     3.4  271.8    8.20    [illegible]

 3 19  8 76     7.7  [illegible]    9.83    [illegible]

 4 19  8 76     6.[illegible]  296.3   10.11    [illegible]

 5 19  8 76     8.2  291.2   10.15    0.[illegible]

 6 19  8 76     [illegible]  265.1    9.52    [illegible]

 7 19  8 76     5.[illegible]  270.5   16.4[illegible]    [illegible]

 8 19  8 76     9.[illegible]  295.[illegible]   20.36    [illegible]

 9 19  8 76    10.2  [illegible]   22.21    [illegible]

10 19  8 76     9.[illegible]  [illegible]   23.2[illegible]    [illegible]

11 19  8 76    13.[illegible]  247.[illegible]   24.25    [illegible]

12 19  8 76    13.7  251.3   24.65    [illegible]

13 19  8 76    14.7  238.3   25.25    [illegible]

14 19  8 76    1[illegible].4  241.4   25.65    [illegible]

15 19  8 76    12.5  254.9   25.67    [illegible]

16 19  8 76     [illegible].1  [illegible]   26.15    [illegible]

17 19  8 76     [illegible]  2[illegible].7   26.35    [illegible]

18 19  8 76     2.1  254.5   25.16    [illegible]

19 19  8 76     4.[illegible]  272.[illegible]   2[illegible].75    [illegible]

20 19  8 76     6.1  273.[illegible]   17.22    [illegible]

21 19  8 76     7.[illegible]  275.9   15.63    [illegible]

22 19  8 76     4.4  231.7   13.29    0.00

23 19  8 76     [illegible]  27[illegible]   11.72    [illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10      PREC
++ ++ ++ ++   +-------------------------------+

 0 20  8 76     4.[illegible]  273.9   11.31     0.00

 1 20  8 76     3.2  272.4   11.56     0.00

 2 20  8 76     4.4  256.5   10.25     0.00

 3 20  8 76     3.0  291.0   10.17     0.00

 4 20  8 76     5.2  253.6   11.29     0.00

 5 20  8 76     5.6   94.6   11.23     0.00

 6 20  8 76     3.3  263.5    9.57     0.00

 7 20  8 76     3.4  225.3   13.42     0.00

 8 20  8 76     4.0   51.7   17.45     0.00

 9 20  8 76     4.7  129.5   21.14     0.00

10 20  8 76     6.6  276.0   23.64     0.00

11 20  8 76     6.6  309.2   24.72     0.00

12 20  8 76     8.5  301.3   25.51     0.00

13 20  8 76     6.4   75.1   25.92     0.00

14 20  8 76    11.5  112.[illegible]   24.36     0.00

15 20  8 76     7.3  163.2   24.77     0.00

16 20  8 76     7.2  143.6   25.70     0.00

17 20  8 76     6.0  169.4   25.30     0.00

18 20  8 76     6.5  192.6   24.77     0.00

19 20  8 76     4.9  203.9   23.60     0.00

20 20  8 76     9.6  271.3   17.20     0.00

21 20  8 76     7.2  280.1   15.67     0.00

22 20  8 76     7.1  284.0   15.17     0.00

23 20  8 76     3.   272.8   12.51     0.00
```

```
RIO BLANCO OIL SHALE PROJECT [illegible] TRACT

          METEOROLOGICAL DATA
[illegible]
** ** ** **   +-------------------------------------+

 [illegible] 21  8 76    4.[illegible]  [illegible]   11.8[illegible]   [illegible]
 [illegible] 21  8 76    4.[illegible]  2[illegible].4   1[illegible].1[illegible]   [illegible]
 [illegible] 21  8 76    5.[illegible]  281.1    9.[illegible]   [illegible]
 [illegible] 21  8 76    [illegible]  27[illegible].[illegible]    9.01   [illegible]
 [illegible] 21  8 76    6.4  271.1    [illegible].2[illegible]   [illegible]
 [illegible] 21  8 76    7.1  2[illegible].[illegible]    8.47   [illegible]
 [illegible] 21  8 76    6.3  2[illegible]7.[illegible]    [illegible].27   [illegible]
  7 21  8 76    2.4  282.6   13.72   [illegible]
 [illegible] 21  8 76    4.5   [illegible].7   16.4[illegible]   [illegible]
 [illegible] 21  8 76    5.[illegible]   [illegible].[illegible]   22.3[illegible]   [illegible]
 10 21  8 76    6.2   64.6   24.74   [illegible]
 11 21  8 76    6.[illegible]   94.1   26.5[illegible]   [illegible]
 12 21  8 76   10.7  324.[illegible]   24.73   0.00
 13 21  8 76    5.4  195.1   26.27   [illegible]
 14 21  8 76    7.[illegible]  2[illegible].[illegible]   26.2[illegible]   [illegible]
 15 21  8 76    3.6   74.7   29.71   0.0[illegible]
 16 21  8 76    7.1  247.1   27.25   [illegible]
 17 21  8 76    4.[illegible]  327.1   26.57   0.0[illegible]
 18 21  8 76    3.3  217.4   26.2[illegible]   0.0[illegible]
 19 21  8 76    7.3  293.2   21.87   0.[illegible]
 20 21  8 76   10.4  236.[illegible]   18.13   0.0[illegible]
 21 21  8 76    [illegible].1  296.5   17.22   0.0[illegible]
 22 21  8 76    3.7  2[illegible].[illegible]   16.1[illegible]   0.0[illegible]
 23 21  8 76    2.[illegible]  111.7   14.1[illegible]   [illegible]
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WD10     AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0  22   8  76      7.1  287.9    12.18     0.00

 1  22   8  76      6.5  282.1    13.64     0.00

 2  22   8  76      6.[illegible]  281.1    11.97     0.00

 3  22   8  76      6.[illegible]  286.2    10.86     0.00

 4  22   8  76      6.0  2[illegible]0.1    10.36     0.00

 5  22   8  76      5.8  277.5     9.93     0.00

 6  22   8  76      6.[illegible]  271.5    10.07     0.00

 7  22   8  76      3.[illegible]  262.5    13.[illegible]     0.00

 8  22   8  76      5.8  [illegible]30.7    16.[illegible]     0.00

 9  22   8  76      4.4   7[illegible].1    23.16     0.00

10  22   8  76      6.5   59.[illegible]    26.51     0.00

11  22   8  76      8.5  114.[illegible]    27.96     0.00

12  22   8  76      7.8  334.4    27.07     0.00

13  22   8  76      9.2  34[illegible].[illegible]    27.0[illegible]     0.00

14  22   8  76      7.4  332.0    25.[illegible]5     0.00

15  22   8  76      4.2  255.3    20.30     0.0

16  22   8  76      2.6  301.3    19.09     0.04

17  22   8  76      7.9  236.7    21.0[illegible]     0.00

18  22   8  76      6.9  229.4    20.45     0.0[illegible]

19  22   8  76      2.6   49.7    18.39     0.00

20  22   8  76      3.3  159.6    16.82     0.01

21  22   8  76      5.9  225.6    14.05     0.00

22  22   8  76      7.4  291.1    12.74     0.00

23  22   8  76      5.4  293.7    12.71     0.00
```

```
[illegible] OIL SHALE PROJECT [illegible]

              [illegible]
[illegible]
++  ++  ++  ++    +------------------------------+

[illegible] 23 [illegible] 76    [illegible]  [illegible]  12.[illegible]  [illegible]

[illegible] 23 [illegible] 76    [illegible]  [illegible]  14.81  [illegible]

[illegible] 23 [illegible] 76    5.1  [illegible]  13.[illegible]  [illegible]

[illegible] 23 [illegible] 76    [illegible].1  [illegible]  12.[illegible]  [illegible]

[illegible] 23 [illegible] 76    4.5  [illegible]1.1  12.[illegible]  [illegible]

[illegible] 23 [illegible] 76    2.[illegible]  [illegible].5  1[illegible].[illegible]7  [illegible]

[illegible] 23 [illegible] 76    [illegible]  [illegible]  11.[illegible]  [illegible]

[illegible] 23 [illegible] 76    5.[illegible]  2[illegible].2  14.11  [illegible]

[illegible] 23 [illegible] 76    [illegible].1  [illegible]14.6  [illegible].5  [illegible]

[illegible] 23 [illegible] 76   13.1  24[illegible]  [illegible]  [illegible]

[illegible] 23 [illegible] 76   15.[illegible]  251.[illegible]  2[illegible]  [illegible]

11 23 [illegible] 76   12.[illegible]  241.[illegible]  2[illegible]  [illegible]

12 23 [illegible] 76    3.5  [illegible]  22.91  [illegible]

13 23 [illegible] 76   13.[illegible]  [illegible]  22.23  [illegible]

14 23 [illegible] 76   11.2  25[illegible]  23.65  [illegible]

15 23 [illegible] 76   13.4  2[illegible].3  24.63  [illegible]

16 23 [illegible] 76   11.[illegible]  27[illegible].7  25.[illegible]  [illegible]

17 23 [illegible] 76   1[illegible]  262.9  26.04  [illegible]

18 23  8 76    [illegible].5  30[illegible]  25.41  0.0[illegible]

[illegible] 23 [illegible] 76    3.4  29[illegible]  22.23  [illegible]

[illegible] 23 [illegible] 76    4.[illegible]  [illegible]1.0  17.33  0.0[illegible]

21 23 [illegible] 76    [illegible].7  [illegible].6  1[illegible].7[illegible]  0.0[illegible]

[illegible] 23 [illegible] 76    5.[illegible]  [illegible]1.1  12.9[illegible]  0.00

23 23 [illegible] 76    [illegible]  [illegible]  12.66  [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WD10    AT10     PREC
++  ++  ++  ++    +----------------------------------+

 0  24   8  76      6.5   276.2   10.61     0.00

 1  24   8  76      6.[illegible]   279.5   10.70     0.00

 2  24   8  76      8.0   285.4    9.77     0.00

 3  24   8  76      7.1   291.5    8.52     0.00

 4  24   8  76      7.0   295.6    8.20     0.00

 5  24   8  76      7.9   290.1    7.50     0.00

 6  24   8  76      7.2   287.4    7.38     0.00

 7  24   8  76      5.    292.6   11.21     0.00

 8  24   8  76      1.3   143.5   19.05     0.00

 9  24   8  76      4.7    93.4   18.45     0.00

10  24   8  76      3.[illegible]    16.6   19.72     0.00

11  24   8  76      6.6   105.2   21.20     0.00

12  24   8  76      6.2    86.4   22.11     0.00

13  24   8  76      5.5    22.[illegible]   24.01     0.0

14  24   8  76      7.3    73.4   24.03     0.00

15  24   8  76      6.[illegible]    44.9   25.51     0.00

16  24   8  76      7.[illegible]   [illegible]   25.95     0.00

17  24   8  76      4.6   335.9   25.99     0.00

18  24   8  76      4.4    23.3   25.51     0.00

19  24   8  76      2.5   313.7   21.17     0.00

20  24   8  76      8.7   287.4   15.30     0.0

21  24   8  76      3.3   296.9   14.10     0.00

22  24   8  76      8.7   283.6   12.75     0.00

23  24   8  76      8.2   284.2   11.96     0.00
```

```
[illegible] OIL SHALE PROJECT  SITE T[illegible]

        [illegible]
[illegible]
++ ++ ++ ++    +-------------------------------------+

 [illegible] 25  8 76     [illegible]  [illegible]   11.19   [illegible]

 1 25  8 76     [illegible]  [illegible]   11.64   0.[illegible]

 2 25  8 76     7.8  2[illegible].4   10.80   0.0[illegible]

 3 25  8 76     5.6  285.3   [illegible]   [illegible]

 4 25  8 76     4.[illegible]  2[illegible].4    7.77   [illegible]

 5 25  8 76     5.1  271.[illegible]    5.4[illegible]   0.[illegible]

 6 25  8 76     7.[illegible]  2[illegible]1.[illegible]    7.[illegible]   [illegible]

 7 25  8 76     3.4  2[illegible]5.[illegible]   11.87   0.0[illegible]

 8 25  8 76     6.8   [illegible]1.3   16.77   0.[illegible]

 9 25  8 76     5.7  [illegible].6   19.[illegible]   0.0[illegible]

10 25  8 76     5.[illegible]  [illegible]   23.[illegible]   [illegible]

11 25  8 76     [illegible].9  [illegible].1   25.4[illegible]   [illegible]

12 25  8 76    10.[illegible]  27[illegible].[illegible]   25.51   0.[illegible]

13 25  8 76     [illegible]  311.[illegible]   27.71   0.[illegible]

14 25  8 76    12.1  255.7   26.3[illegible]   0.0[illegible]

15 25  8 76     [illegible].9  2[illegible]5.4   27.1[illegible]   [illegible]

16 25  8 76     9.4  27[illegible]   25.52   0.0[illegible]

17 25  8 76     5.6  2[illegible]   27.34   0.[illegible]

18 25  8 76     [illegible]  277.1   25.9[illegible]   0.[illegible]

19 25  8 76     6.1  2[illegible].5   21.[illegible]3   0.0[illegible]

20 25  8 76     [illegible].4  287.[illegible]   17.13   0.[illegible]

21 25  8 76     [illegible]  [illegible]   15.5[illegible]   0.[illegible]

22 25  8 76     [illegible]  [illegible]   14.7[illegible]   0.0[illegible]

23 25  8 76     [illegible]  2[illegible]1.[illegible]   13.[illegible]   [illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 26  8 76      5.5  257.7   13.87     0.00

 1 26  8 76      5.9  274.1   14.75     0.00

 2 26  8 76      6.0  280.1   14.47     0.00

 3 26  8 76      7.2  262.7   14.94     0.00

 4 26  8 76     10.2  256.9   15.26     0.00

 5 26  8 76      7.5  256.2   14.62     0.00

 6 26  8 76      5.4  260.2   16.35     0.00

 7 26  8 76      3.2  262.2   17.49     0.00

 8 26  8 76      6.9  237.7   23.52     0.00

 9 26  8 76     12.5  235.4   24.89     0.00

10 26  8 76     13.2  249.4   25.37     0.00

11 26  8 76     13.4  227.4   25.55     0.00

12 26  8 76     14.4  259.5   20.32     0.00

13 26  8 76     10.2  222.0   23.01     0.00

14 26  8 76     17.0  234.0   26.03     0.00

15 26  8 76     16.5  220.0   27.10     0.00

16 26  8 76     15.1  237.4   27.79     0.00

17 26  8 76     11.3  262.2   26.21     0.00

18 26  8 76     15.8  282.3   14.86     0.17

19 26  8 76      2.6   47.9   13.05     0.04

20 26  8 76      4.3  165.1   12.84     0.00

21 26  8 76      3.7  271.1   12.24     0.00

22 26  8 76      5.1  295.0   11.01     0.00

23 26  8 76      5.9  275.6    9.90     0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
 HR DY MO YR     WSP10  WDR10     AT10      PREC
 ++ ++ ++ ++   +---------------------------------+

  0 27  8 76      6.5  288.3      8.65      0.10
  1 27  8 76      6.1  [illegible]      7.94      0.00
  2 27  8 76      6.2  [illegible]      6.95      0.01
  3 27  8 76      5.5  [illegible]      6.69      0.00
  4 27  8 76      6.3  295.[illegible]      6.16      0.00
  5 27  8 76      6.9  29[illegible].4      5.68      0.00
  6 27  8 76      5.2  294.5      4.3[illegible]      0.00
  7 27  8 76      3.5  269.5      6.95      0.00
  8 27  8 76      1.5  323.1     10.09      0.00
  9 27  8 76      3.6  10[illegible]     13.52      0.00
 10 27  8 76      4.3   37.1     14.69      0.00
 11 27  8 76      5.6   69.3     16.06      0.00
 12 27  8 76      6.[illegible]   67.1     17.82      0.00
 13 27  8 76      4.3  125.8     19.91      0.00
 14 27  8 76      3.8  200.9     21.39      0.00
 15 27  8 76      4.[illegible]  196.8     22.4[illegible]      0.00
 16 27  8 76     10.[illegible]   57.4     22.44      0.00
 17 27  8 76      3.1   23.6     22.43      0.00
 18 27  8 76      7.1   66.7     21.24      0.00
 19 27  8 76      2.1  302.5     15.56      0.00
 20 27  8 76      3.1  281.0     12.09      0.00
 21 27  8 76      3.5  239.2     10.49      0.00
 22 27  8 76      [illegible]  29[illegible]      9.47      0.00
 23 27  8 76      3.2  286.7      9.14      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 28  8 76     9.5  285.9    8.43    0.00

 1 28  8 76     6.8  281.9    7.73    0.00

 2 28  8 76     7.5  287.6    6.61    0.00

 3 28  8 76     5.4  283.6    5.44    0.00

 4 28  8 76     6.5  275.8    4.45    0.00

 5 28  8 76     7.4  289.3    4.45    0.00

 6 28  8 76     6.5  283.2    4.89    0.00

 7 28  8 76     1.7   74.9    9.27    0.00

 8 28  8 76  .  4.3   34.2   12.75    0.00

 9 28  8 76     4.7   92.3   16.85    0.00

10 28  8 76     5.3   95.8   19.92    0.00

11 28  8 76     6.5   80.9   21.72    0.00

12 28  8 76     7.4   79.7   23.21    0.00

13 28  8 76     6.3   93.9   24.29    0.00

14 28  8 76     8.5   93.3   24.90    0.00

15 28  8 76     6.4   61.2   25.52    0.00

16 28  8 76     7.1   77.5   25.96    0.00

17 28  8 76     5.4   91.3   25.93    0.00

18 28  8 76     6.3   47.9   25.26    0.00

19 28  8 76     5.6  283.8   19.56    0.00

20 28  8 76     9.5  289.6   15.34    0.00

21 28  8 76     8.9  286.3   13.66    0.00

22 28  8 76     9.0  287.5   12.39    0.00

23 28  8 76     8.1  284.1   11.83    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          [illegible]
[illegible]
++ ++ ++ ++   +--------------------------------+

 0 29  8 76      [illegible]  2?5.1   11.29      0.00

 1 29  8 76      5.1  294.1   11.26      0.00

 2 29  8 76      5.4  277.3    9.17      0.00

 3 29  8 76      6.2  [illegible]    7.9[illegible]      0.00

 4 29  8 76      7.1  255.9    8.06      0.00

 5 29  8 76      6.7  [illegible]    5.71      0.00

 6 29  8 76      7.3  271.9    6.35      0.00

 7 29  8 76      2.2  252.4   10.93      0.00

 8 29  8 76      2.9  [illegible]   17.53      0.00

 9 29  8 76      6.2   69.2   19.54      0.00

10 29  8 76      5.5   79.3   23.27      0.00

11 29  8 76      6.4  252.1   25.[illegible]      0.00

12 29  8 76      5.7  227.0   26.67      0.00

13 29  8 76      5.3  302.1   27.54      0.00

14 29  8 76      7.7  316.2   26.83      0.00

15 29  8 76     15.1  277.3   26.50      0.00

16 29  8 76     13.[illegible]  277.9   26.65      0.00

17 29  8 76     12.6  286.8   27.21      0.00

18 29  8 76      6.3  262.4   20.65      0.00

19 29  8 76      5.7  251.6   19.9[illegible]      0.00

20 29  8 76      7.3  299.7   16.45      0.00

21 29  8 76      6.7  297.1   16.13      0.00

22 29  8 76      2.2  233.[illegible]   15.74      0.00

23 29  8 76      7.2  281.[illegible]   12.[illegible]      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 30  8 76     7.3  280.5   12.57    0.00

 1 30  8 76     7.2  279.7   13.32    0.00

 2 30  8 76     3.4   55.0   11.97    0.00

 3 30  8 76     5.8  271.     8.31    0.00

 4 30  8 76     6.4  284.2    8.03    0.00

 5 30  8 76     3.8  265.9    7.53    0.00

 6 30  8 76     3.7  269.2    6.91    0.00

 7 30  8 76     2.2  284.0   11.21    0.00

 8 30  8 76     4.1   96.9   16.74    0.00

 9 30  8 76     4.5   78.7   20.30    0.00

10 30  8 76     6.2   75.9   23.15    0.00

11 30  8 76     6.1  104.3   25.26    0.00

12 30  8 76     9.6  314.7   26.36    0.00

13 30  8 76    11.1  325.7   26.92    0.00

14 30  8 76    10.6  284.4   27.15    0.0

15 30  8 76    10.3   51.4   25.45    0.00

16 30  8 76    12.1  303.5   25.50    0.00

17 30  8 76     9.6  277.3   24.84    0.00

18 30  8 76     5.5  270.9   23.84    0.00

19 30  8 76     5.2  296.1   19.98    0.00

20 30  8 76    10.2  331.4   21.89    0.00

21 30  8 76    15.9   61.3   19.54    0.00

22 30  8 76     5.8  127.4   18.13    0.00

23 30  8 76     5.8  274.5   13.61    0.00
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
 HR DY MO YR     WSPD  WDIR   [illegible]    PREC
 ++ ++ ++ ++    +------------------------------------+

  0 31  8 76     7.7  242.4   11.21      0.00
  1 31  8 76     7.5  2[illegible].8    9.92      0.00
  2 31  8 76     7.1  222.5    9.[illegible]      0.00
  3 31  8 76     6.6  27[illegible].5    9.37      0.00
  4 31  8 76     6.5  2[illegible]2.1    9.18      0.00
  5 31  8 76     7.1  277.1    8.41      0.00
  6 31  8 76     6.4  297.4    6.94      0.00
  7 31  8 76     4.7  239.4   10.42      0.00
  8 31  8 76     6.7   59.9   15.64      0.00
  9 31  8 76     6.7   40.2   17.31      0.00
 10 31  8 76     8.4   81.4   18.97      0.00
 11 31  8 76     8.7   74.2   20.96      0.00
 12 31  8 76     9.2   77.1   21.52      0.00
 13 31  8 76     6.9   39.9   22.53      0.00
 14 31  8 76    10.1   54.3   22.90      0.00
 15 31  8 76    10.1   22.2   23.66      0.00
 16 31  8 76    11.4   52.5   23.11      0.00
 17 31  8 76     9.1   26.[illegible]   23.75      0.00
 18 31  8 76    11.4   57.7   22.41      0.00
 19 31  8 76     5.9   90.7   20.39      0.00
 20 31  8 76     4.[illegible]  237.0   16.86      0.00
 21 31  8 76     5.[illegible]  265.1   12.28      0.00
 22 31  8 76     [illegible]  277.[illegible]    9.98      0.00
 23 31  8 76     [illegible]  277.7    9.[illegible]3      0.00
```

B.1.4

METEOROLOGICAL DATA LISTING FOR SITE 4
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  1  6 76      5.9  239.1    3.12     0.00

 1  1  6 76      5.4  249.5    2.69     0.00

 2  1  6 76      5.6  243.4    1.67     0.00

 3  1  6 76      3.8  242.7    1.09     0.00

 4  1  6 76      4.6  240.4    0.65     0.00

 5  1  6 76      3.2  239.0    0.17     0.00

 6  1  6 76      3.1  233.2    2.59     0.00

 7  1  6 76      1.5  211.4   11.28     0.00

 8  1  6 76      4.0   45.4   16.22     0.00

 9  1  6 76      3.5   11.1   21.29     0.00

10  1  6 76     12.3  252.1   22.74     0.00

11  1  6 76     13.4  225.2   23.42     0.00

12  1  6 76     14.5  233.9   23.75     0.00

13  1  6 76     15.9  215.1   24.25     0.00

14  1  6 76     14.2  213.2   24.72     0.00

15  1  6 76     11.7  222.3   24.91     0.00

16  1  6 76      9.7  229.2   24.99     0.00

17  1  6 76     11.2  224.[illegible]   25.12     0.00

18  1  6 76     13.9  229.7   25.33     0.00

19  1  6 76      6.7  222.2   23.16     0.00

20  1  6 76      5.1  213.5   16.31     0.00

21  1  6 76      6.7  249.6   12.85     0.00

22  1  6 76      1.3  338.5    9.48     0.00

23  1  6 76      3.7  295.2    8.58     0.00
```

```
[illegible] OIL SHALE [illegible] SITE [illegible]

         METEOROLOGICAL DAT
HR DA MO YR   [illegible]
++ ++ ++ ++   +-------------------------------+

 0  2  6 76     4.8  243.[illegible]   5.03   0.[illegible]
 1  2  6 76     4.2  232.1    4.27   0.00
 2  2  6 76     5.2  243.9    3.22   0.00
 3  2  6 76     5.4  244.6    2.58   0.00
 4  2  6 76     5.1  247.2    1.93   0.00
 5  2  6 76     4.[illegible]  240.6    1.12   0.00
 6  2  6 76     2.3  233.0    5.07   0.00
 7  2  6 76     1.6   54.9   12.19   0.00
 8  2  6 76     2.5   47.1   18.67   0.00
 9  2  6 76     5.5  340.1   23.[illegible]   0.[illegible]
10  2  6 76    10.[illegible]  247.1   24.[illegible]   0.00
11  2  6 76    15.2  242.5   24.54   0.00
12  2  6 76    14.2  232.3   24.53   0.00
13  2  6 76    14.   223.4   25.40   0.00
14  2  6 76    15.0  215.6   26.09   0.00
15  2  6 76    13.4  207.6   26.00   0.00
16  2  6 76    15.2  222.0   25.42   0.00
17  2  6 76    12.6  25[illegible].6   26.05   0.00
18  2  6 76    10.3  226.1   24.23   0.0
19  2  6 76     3.4  20[illegible].7   24.35   0.00
20  2  6 76     5.3  216.0   17.22   0.00
21  2  6 76     3.3  327.1   13.99   0.00
22  2  6 76     5.8  233.0   10.29   0.00
23  2  6 76     7.4  245.7    7.10    .[illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WD10    AT10       PREC
++  ++  ++  ++    +-------------------------------+

 0   3   6  76      5.1   253.5    5.47      0.00

 1   3   6  76      4.9   249.0    4.13      0.00

 2   3   6  76      4.6   239.8    4.20      0.00

 3   3   6  76      5.2   247.4    2.84      0.00

 4   3   6  76      4.5   239.2    1.95      0.00

 5   3   6  76      3.5   232.3    2.45      0.00

 6   3   6  76      2.5   227.1    4.96      0.00

 7   3   6  76      1.7   251.1   12.12      0.00

 8   3   6  76      2.3   357.8   19.76      0.00

 9   3   6  76     13.4   185.0   23.52      0.00

10   3   6  76     14.4   195.9   24.62      0.00

11   3   6  76     16.1   242.6   24.70      0.00

12   3   6  76     21.1   223.7   25.30      0.00

13   3   6  76     17.6   214.6   25.26      0.00

14   3   6  76     17.6   236.1   24.92      0.00

15   3   6  76     14.9   220.2   25.27      0.00

16   3   6  76     15.7   229.0   24.82      0.00

17   3   6  76     13.1   226.9   25.21      0.00

18   3   6  76     11.3   227.7   25.34      0.00

19   3   6  76      7.5   220.7   23.79      0.00

20   3   6  76      4.6   235.6   15.35      0.00

21   3   6  76      5.3   238.2   11.56      0.00

22   3   6  76      2.2   182.2    9.09      0.00

23   3   6  76      4.0   243.1    7.52      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WD10     AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0   4   6  76      5.5   244.0     5.13      0.00

 1   4   6  76      5.1   242.6     3.37      0.00

 2   4   6  76      6.1   251.      2.26      0.00

 3   4   6  76      3.2   234.6     1.60      0.00

 4   4   6  76      5.1   243.1     0.80      0.00

 5   4   6  76      3.3   237.9     0.33      0.00

 6   4   6  76      3.9   247.3     4.24      0.00

 7   4   6  76      2.4    51.0    11.20      0.00

 8   4   6  76      9.5   157.2    19.99      0.00

 9   4   6  76     12.3   214.5    22.53      0.00

10   4   6  76     16.3   207.1    23.15      0.00

11   4   6  76     16.7   214.2    23.70      0.00

12   4   6  76     20.4   221.0    24.29      0.00

13   4   6  76     15.2   223.7    24.92      0.00

14   4   6  76     14.6   232.8    24.94      0.00

15   4   6  76     12.8   226.4    24.64      0.00

16   4   6  76     15.5   223.1    25.91      0.00

17   4   6  76     14.3   244.5    25.42      0.00

18   4   6  76     11.7   232.4    24.24      0.00

19   4   6  76      7.9   235.8    23.56      0.00

20   4   6  76      5.5   230.7    16.15      0.00

21   4   6  76      5.1   241.4    11.61      0.00

22   4   6  76      2.7   237.9     9.61      0.00

23   4   6  76      3.4   233.7     7.67      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10   AT10    PREC
++  ++  ++  ++    +-------------------------------+

 0   5   6  76      4.5  239.1    4.55    0.00

 1   5   6  76      5.5  250.6    3.06    0.00

 2   5   6  76      5.2  236.1    2.02    0.00

 3   5   6  76      4.6  223.5    1.35    0.00

 4   5   6  76      4.6  242.4    1.08    0.00

 5   5   6  76      3.4  232.3   -0.12    0.00

 6   5   6  76      1.5  229.2    4.17    0.00

 7   5   6  76      1.9  234.3   11.48    0.00

 8   5   6  76      1.3  114.5   17.32    0.00

 9   5   6  76      4.2   49.4   20.40    0.00

10   5   6  76      6.5   50.5   23.94    0.00

11   5   6  76     11.8  194.4   24.39    0.00

12   5   6  76     10.9  173.0   25.55    0.00

13   5   6  76     12.9  202.3   25.97    0.00

14   5   6  76     10.1  241.8   26.14    0.00

15   5   6  76     13.6  221.4   26.27    0.00

16   5   6  76      9.2  222.6   26.65    0.00

17   5   6  76     13.1  230.3   26.41    0.00

18   5   6  76     11.3  233.5   26.13    0.00

19   5   6  76      5.8  220.8   24.48    0.00

20   5   6  76      3.9  234.7   15.27    0.00

21   5   6  76      5.9  200.7   13.47    0.00

22   5   6  76      3.5  235.3   10.09    0.00

23   5   6  76      3.9  240.1    7.92    0.00
```

```
[illegible] OIL SHALE PROJECT SITE [illegible]

           [illegible] DATA
HR DY MO YR    [illegible]               PREC
** ** ** **   +------------------------------+

 0  6  6 76     6.0  249.5    4.73    0.00

 1  6  6 76     4.3  262.3    4.05    0.00

 2  6  6 76     5.0  245.9    2.54    0.00

 3  6  6 76     5.1  224.3    4.12    0.00

 4  6  6 76     5.3  245.0    2.85    0.00

 5  6  6 76     4.2  244.4    1.50    0.00

 6  6  6 76     1.7  230.2    6.50    0.00

 7  6  6 76     5.1  224.9   15.35    0.00

 8  6  6 76     6.7  171.3   21.26    0.00

 9  6  6 76    15.4  139.3   22.25    0.00

10  6  6 76    13.0  213.0   23.00    0.00

11  6  6 76    13.2  155.4   23.72    0.00

12  6  6 76    10.1  151.4   24.71    0.00

13  6  6 76    11.3  242.5   24.57    0.00

14  6  6 76    10.7  240.7   25.74    0.00

15  6  6 76    12.7  222.9   25.34    0.00

16  6  6 76    13.2  233.0   24.66    0.00

17  6  6 76    10.7  217.3   24.49    0.00

18  6  6 76    11.2  147.9   22.16    0.00

19  6  6 76     9.2  156.9   21.94    0.00

20  6  6 76     4.7  154.9   20.11    0.00

21  6  6 76     2.1  210.0   15.70    0.10

22  6  6 76     6.3  241.9   11.75    0.00

23  6  6 76     5.2  220.1   11.65    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  7  6 76      4.3  247.9    9.67     0.00

 1  7  6 76      6.2  241.2    6.95     0.00

 2  7  6 76      5.4  233.9    6.57     0.00

 3  7  6 76      4.1  235.2    4.90     0.00

 4  7  6 76      3.4  233.6    3.56     0.00

 5  7  6 76      3.7  234.1    3.20     0.00

 6  7  6 76      1.7  221.8    6.19     0.00

 7  7  6 76      2.2  247.2   13.41     0.00

 8  7  6 76      2.3   93.9   19.49     0.00

 9  7  6 76      5.3  300.9   21.21     0.00

10  7  6 76      5.6   41.7   22.43     0.00

11  7  6 76      4.1  303.5   24.14     0.00

12  7  6 76      6.0  211.5   24.69     0.00

13  7  6 76     17.2  233.8   25.95     0.00

14  7  6 76     14.3  234.7   25.03     0.00

15  7  6 76     11.3  220.1   25.96     0.00

16  7  6 76     11.6  228.9   25.79     0.00

17  7  6 76     12.2  232.3   25.31     0.00

18  7  6 76     12.9  239.5   23.94     0.00

19  7  6 76      7.9  220.9   24.22     0.00

20  7  6 76      5.9  203.9   20.37     0.00

21  7  6 76      5.7  217.2   15.76     0.00

22  7  6 76      3.5  218.8   12.41     0.00

23  7  6 76      3.3  235.4   10.19     0.00
```

```
[illegible]

              [illegible]
[illegible]
-- -- -- --   ---------------------------------

 0  8  6 76     [illegible]  23[illegible]   1[illegible].1[illegible]   [illegible]

 1  8  6 76     4.[illegible]  23[illegible]     [illegible].4[illegible]   [illegible]

 2  8  6 76     4.[illegible]  23[illegible]     [illegible].17   [illegible]

 3  8  6 76     5.5  241.3     [illegible]   [illegible]

 4  8  6 76     4.2  24[illegible]     4.[illegible]   [illegible]

 5  8  6 76     4.6  [illegible]4[illegible].1     4.4[illegible]   [illegible]

 6  8  6 76     3.[illegible]  21[illegible]     7.[illegible]   [illegible]

 7  8  6 76     [illegible]   [illegible]   13.6[illegible]   [illegible]

 8  8  6 76     4.1   51.1   1[illegible].43   [illegible]

 9  8  6 76    12.5  216.1   23.[illegible]   [illegible]

10  8  6 76    1[illegible].2  2[illegible]1.1   23.77   [illegible]

11  8  6 76    15.2  211.[illegible]   25.[illegible]   [illegible]

12  8  6 76    12.[illegible]  241.[illegible]   25.[illegible]   0.00

13  8  6 76    12.5  2[illegible].3   26.[illegible]1   0.00

14  8  6 76    15.[illegible]  2[illegible]5.[illegible]   26.45   [illegible]

15  8  6 76    15.4  24[illegible]   25.[illegible]   0.00

16  8  6 76    12.[illegible]  21[illegible].3   25.[illegible]9   [illegible]

17  8  6 76    12.2  1[illegible]1.[illegible]   25.[illegible]1   0.00

18  8  6 76    11.[illegible]  1[illegible]   23.[illegible]4   [illegible]

19  8  6 76     [illegible]  1[illegible].1   22.01   [illegible]

20  8  6 76     7.[illegible]  2[illegible]   19.[illegible]   [illegible]

21  8  6 76     4.[illegible]  2[illegible]   1[illegible].70   [illegible]

22  8  6 76     3.1  [illegible]   16.47   [illegible]

23  8  6 76     [illegible]   [illegible]   17.[illegible]   [illegible]
```

```
RIO  BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  9  6 76      5.8  226.8   13.52     0.00

 1  9  6 76      2.8  227.2   10.47     0.00

 2  9  6 76      5.2  235.5    7.43     0.00

 3  9  6 76      4.7  238.2    6.51     0.00

 4  9  6 76      4.1  236.1    5.44     0.00

 5  9  6 76      3.3  233.4    4.40     0.00

 6  9  6 76      4.3  240.2    6.43     0.00

 7  9  6 76      1.2   43.4   14.12     0.00

 8  9  6 76      4.9   59.6   19.90     0.00

 9  9  6 76     15.6  226.5   23.37     0.00

10  9  6 76     14.1  216.4   23.63     0.00

11  9  6 76     15.6  223.4   24.25     0.00

12  9  6 76     17.5  222.0   25.18     0.00

13  9  6 76     16.2  221.6   24.09     0.00

14  9  6 76     13.8  233.8   25.24     0.00

15  9  6 76     16.5  231.7   26.36     0.00

16  9  6 76     13.9  232.6   26.55     0.00

17  9  6 76     13.6  230.3   26.74     0.00

18  9  6 76     10.9  214.6   26.24     0.00

19  9  6 76      8.5  222.3   24.50     0.00

20  9  6 76      5.0  236.9   16.00     0.00

21  9  6 76      3.9  244.3   12.91     0.00

22  9  6 76      2.0  239.7   10.36     0.00

23  9  6 76      4.7  256.1    8.95     0.00
```

```
[illegible]

        [illegible]OL[illegible]
[illegible]
** ** ** **    +--------------------------------+

[illegible] 6 76     [illegible]    [illegible]    [illegible]    [illegible]
[illegible] 6 76     5.[illegible]  [illegible]37.1   4.6[illegible]   [illegible]
[illegible] 6 76     5.1   [illegible]    [illegible]    [illegible]
[illegible] 6 76     5.1   [illegible]    1.6[illegible]   [illegible]
[illegible] 6 76     4.[illegible]  [illegible]    1.[illegible]    [illegible]
[illegible] 6 76     4.[illegible]  [illegible]    1.14   [illegible]
[illegible] 6 76     1.7   [illegible]    4.59   [illegible]
[illegible] 6 76     7.[illegible]  173.[illegible]  17.5[illegible]  [illegible]
[illegible] 6 76    1[illegible].[illegible]  1[illegible]4.[illegible]  20.97   [illegible]
[illegible] 6 76    11.3  1[illegible]4.[illegible]  [illegible]2.[illegible]  [illegible]
[illegible] 6 76    14.[illegible]  1[illegible]    23.[illegible]  [illegible]
[illegible] 6 76    15.1  [illegible]    [illegible]  [illegible]
[illegible] 6 76    15.8  1[illegible]    [illegible]  [illegible]
[illegible] 6 76    1[illegible].2  [illegible]    25.[illegible]  [illegible]
[illegible] 6 76    21.[illegible]  21[illegible]    [illegible]  [illegible]
[illegible] 6 76    21.[illegible]  1[illegible].6  [illegible]  [illegible]
[illegible] 6 76    [illegible]    [illegible]    26.54   [illegible]
[illegible] 6 76    21.1  [illegible].4  [illegible]5.[illegible]  [illegible]
[illegible] 6 76    1[illegible]    1[illegible]    25.24   [illegible]
[illegible] 6 76    [illegible]    [illegible]    25.1[illegible]  [illegible]
[illegible] 6 76    1[illegible]    21[illegible]    23.34   [illegible]
[illegible] 6 76    1[illegible]    21[illegible]    22.16   [illegible]
[illegible] 6 76    15.[illegible]  [illegible].7  [illegible]1.[illegible]  [illegible]
[illegible] 6 76     4.5   [illegible]    1[illegible]    [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 11  6 76      7.0  222.9   16.09    0.00

 1 11  6 76      8.1  219.4   17.33    0.00

 2 11  6 76      5.5  25 .1   11.54    0.00

 3 11  6 76      5.8  242.7    7.54    0.00

 4 11  6 76      8.7  226.9   12.33    0.00

 5 11  6 76     10.0  221.1   12.77    0.00

 6 11  6 76     13.5  210.6   13.01    0.00

 7 11  6 76     19.7  224.8   14.      0.0

 8 11  6 76     17.7  215.2   14.52    0.00

 9 11  6 76     16.1  221.    15.18    0.00

10 11  6 76     19.1  233.4   14.47    0.00

11 11  6 76     20.1  223.4   15.      0.00

12 11  6 76     19.5  24 .    15.93    0.00

13 11  6 76     20.2  231.5   15.92    0.00

14 11  6 76     22.4  225.4   15.90    0.00

15 11  6 76     18.1  220.8   17.04    0.00

16 11  6 76     14.2  242.5   16.67    0.00

17 11  6 76     17.1  225.4   16.53    0.00

18 11  6 76     13.0  228.7   15.31    0.00

19 11  6 76      9.2  311.1   11.62    0.00

20 11  6 76     11.1  246.8    8.94    0.00

21 11  6 76      6.6  263.8    8.72    0.01

22 11  6 76      6.6  253.2    7.36    0.00

23 11  6 76      4.2  225.2    7.36    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WSPD   WDIR     AT10     PREC
+- ++ ++ ++   +-------------------------------+

 0 12  6 76    1.[illegible]  [illegible]    [illegible]     [illegible]

 1 12  6 76    5.[illegible]  231.6    7.65     [illegible]

 2 12  6 76    4.3  203.[illegible]    7.71     0.00

 3 12  6 76    4.2  203.4    7.56     0.00

 4 12  6 76    2.4  191.6    6.47     0.00

 5 12  6 76    1.3  214.[illegible]    5.9[illegible]     0.00

 6 12  6 76    2.[illegible]  1[illegible].[illegible]    6.83     0.00

 7 12  6 76    5.1  196.[illegible]    9.64     0.00

 8 12  6 76    9.[illegible]  232.[illegible]   11.14     0.00

 9 12  6 76   11.[illegible]  26[illegible].[illegible]   11.64     0.00

10 12  6 76   13.1  25[illegible].[illegible]   12.[illegible]     0.00

11 12  6 76   12.[illegible]  25[illegible].[illegible]   15.[illegible]     0.00

12 12  6 76   15.3  241.[illegible]   16.21     0.00

13 12  6 76   14.5  243.[illegible]   16.[illegible]9     0.00

14 12  6 76   11.6  231.6   16.73     0.00

15 12  6 76   11.4  23[illegible].4   16.9[illegible]     0.00

16 12  6 76    9.[illegible]  231.[illegible]   17.59     0.00

17 12  6 76   12.1  242.[illegible]   17.74     0.00

18 12  6 76    9.1  235.2   17.34     0.00

19 12  6 76    3.7  22[illegible].4   17.09     0.00

20 12  6 76    5.6  228.1   14.35     0.00

21 12  6 76    6.[illegible]  259.[illegible]   14.95     0.00

22 12  6 76    3.[illegible]  214.[illegible]   1[illegible].45     0.00

23 12  6 76    [illegible].4  1[illegible].[illegible]    [illegible].21     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD010    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 13  6 76     5.7  225.1    9.04     0.00

 1 13  6 76     4.3  242.3    6.02     0.00

 2 13  6 76     2.2  244.7    5.80     0.00

 3 13  6 76     3.1  231.2    5.20     0.00

 4 13  6 76     3.4  [illegible]    4.35     0.00

 5 13  6 76     2.8  231.4    3.46     0.00

 6 13  6 76     7.3  207.6    7.30     0.00

 7 13  6 76     3.7   51.8   11.02     0.00

 8 13  6 76     3.5  217.3   15.30     0.00

 9 13  6 76     3.8   42.2   18.17     0.00

10 13  6 76    18.9  213.1   19.19     0.00

11 13  6 76    26.0  234.4   [illegible]     0.00

12 13  6 76    24.0  226.0   19.64     0.00

13 13  6 76    20.7  234.4   20.17     0.00

14 13  6 76    18.5  [illegible]   20.14     0.00

15 13  6 76    18.0  264.2   19.32     0.00

16 13  6 76    12.6  293.5   15.66     0.00

17 13  6 76    13.5  323.0   14.90     0.00

18 13  6 76    16.4  337.7   11.45     0.00

19 13  6 76    17.0   14.2    2.81     0.00

20 13  6 76     9.3   14.5    0.20     0.02

21 13  6 76     7.7   49.6   -0.36     0.11

22 13  6 76     3.3   46.4   -0.67     0.09

23 13  6 76     4.6   34.7   -0.91     0.14
```

```
[illegible]

              [illegible]
[illegible]
-- -- -- --   +--------------------------------

[illegible] 14 [illegible]     1.[illegible]  [illegible].1   -0.[illegible]     [illegible]

[illegible] 14 [illegible]     4.[illegible]  [illegible]     -[illegible].91    [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]     -[illegible].[illegible]1   [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]1.[illegible]   -[illegible].4[illegible]   [illegible]

[illegible] 14 [illegible]     2.[illegible]  [illegible]     -[illegible].11    [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]     -[illegible]       [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]     -7.67              [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]     -7.[illegible]     [illegible]

[illegible] 14 [illegible]     1.4   [illegible].[illegible]  -[illegible].5[illegible]  [illegible]

[illegible] 14 [illegible]     [illegible]    [illegible]      3.36              [illegible]

10 14 [illegible]    [illegible]    [illegible]      4.[illegible]     [illegible]

11 14 [illegible]    [illegible]    [illegible]      [illegible].1[illegible]   [illegible]

12 14 [illegible]    [illegible]    [illegible]1.3   [illegible].3[illegible]   [illegible]

13 14 [illegible]    [illegible]    [illegible]5.5   [illegible]       [illegible]

14 14 [illegible]    [illegible]    31[illegible].7  10.76             [illegible]

15 14 [illegible]    [illegible]    31[illegible].3  11.53             [illegible]

16 14 [illegible]    1[illegible]   [illegible]1.7   12.17             [illegible]

17 14 [illegible]    [illegible]    [illegible]      12.6[illegible]   [illegible]

18 14 [illegible]    [illegible].1  17.4             12.[illegible]    [illegible]

19 14 [illegible]    [illegible].2  [illegible]      11.46             [illegible]

20 14 [illegible]    [illegible]    [illegible]      [illegible].24    [illegible]

21 14 [illegible]    1.[illegible]  [illegible].4    [illegible]       [illegible]

22 14 [illegible]    [illegible]    [illegible]      3.48              [illegible]

23 14 [illegible]    [illegible]    [illegible]13.7  [illegible].77    [illegible]

                     .1.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 15  6 76      4.6  213.3    2.23    0.00

 1 15  6 76      3.7  221.9    1.29    0.00

 2 15  6 76      4.9  232.1    1.65    0.00

 3 15  6 76      3.1  236.3    1.77    0.00

 4 15  6 76      2.3  224.5    0.44    0.00

 5 15  6 76      2.7  205.0   -0.03    0.00

 6 15  6 76      2.5  236.9    1.06    0.00

 7 15  6 76      2.7  269.7    5.28    0.00

 8 15  6 76      3.9  170.1    9.52    0.00

 9 15  6 76      4.4   65.6   11.16    0.00

10 15  6 76      5.9   51.8   12.06    0.00

11 15  6 76      5.4  155.0   12.96    0.00

12 15  6 76      4.7   55.3   14.69    0.00

13 15  6 76      4.3  101.6   16.76    0.00

14 15  6 76      4.9  200.4   18.37    0.00

15 15  6 76      6.5  294.9   19.25    0.00

16 15  6 76      7.9  269.9   20.39    0.00

17 15  6 76     10.0  252.2   20.74    0.00

18 15  6 76      7.5  246.2   20.72    0.00

19 15  6 76      3.4  250.3   19.91    0.00

20 15  6 76      4.7  215.6   15.57    0.00

21 15  6 76      7.5  205.6   13.42    0.00

22 15  6 76      3.9  242.2    9.54    0.00

23 15  6 76      2.9  264.6    5.46    0.00
```

```
[illegible]

          [illegible] DATA
HR DY MO YR     [illegible]   [illegible]   [illegible]    PREC
-- -- -- --    +-------------------------------------------+

 0 16  6 76      1.1     33.5     5.22     0.[illegible]
 1 16  6 76      1.1    238.1     4.90     0.00
 2 16  6 76      1.8    293.[illegible]    5.19     0.03
 3 16  6 76      1.[illegible]     65.5     6.21     0.[illegible]
 4 16  6 76      3.2    255.      5.[illegible]     0.0[illegible]
 5 16  6 76      3.[illegible]    135.[illegible]    9.12     0.00
 6 16  6 76      1.9    323.5    11.07     0.00
 7 16  6 76      2.2    244.[illegible]   11.42     0.00
 8 16  6 76     14.6    214.[illegible]   17.50     0.00
 9 16  6 76     13.2    241.[illegible]   19.45     0.0[illegible]
10 16  6 76     17.1    223.[illegible]   20.24     0.00
11 16  6 76     13.4    274.[illegible]   19.92     0.[illegible]
12 16  6 76     15.5    243.5    21.85     0.0[illegible]
13 16  6 76     15.5    245.5    21.93     0.0[illegible]
14 16  6 76     14.4    236.6    21.55     0.0[illegible]
15 16  6 76     16.2    322.[illegible]   19.90     0.03
16 16  6 76     14.6     15.     17.41     0.0[illegible]
17 16  6 76     12.2     51.2    15.96     0.0[illegible]
18 16  6 76      7.5      7.4    31.36     0.0[illegible]
19 16  6 76     10.4     45.[illegible]   14.09     0.0[illegible]
20 16  6 76      4.8    357.5    15.25     0.03
21 16  6 76      4.1    317.2    13.29     0.01
22 16  6 76      4.7    274.     [illegible].52     0.02
23 16  6 76      2.2    271.[illegible]    9.25     0.03
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0  17   6  76      0.3  2[illegible].1    8.51     0.00

 1  17   6  76      0.4  197.1    8.26     0.00

 2  17   6  76      3.9    9.5    7.54     0.00

 3  17   6  76      1.6  246.5    6.91     0.00

 4  17   6  76      2.5  229.4    5.98     0.00

 5  17   6  76      1.7  245.5    5.90     0.00

 6  17   6  76      2.5  192.1    6.46     0.00

 7  17   6  76      1.2  321.2    7.40     0.00

 8  17   6  76      3.4    9.5    7.73     0.01

 9  17   6  76      2.2  206.5   10.46     0.00

10  17   6  76      3.2  175.7   11.77     0.00

11  17   6  76      4.6   74.1   12.53     0.00

12  17   6  76      9.0  135.7   12.97     0.00

13  17   6  76      7.1  123.0   15.00     0.00

14  17   6  76      7.2  125.0   14.23     0.01

15  17   6  76      3.2   93.7    6.54     0.14

16  17   6  76      2.4  233.0   10.39     0.04

17  17   6  76      1.7  200.2   13.16     0.00

18  17   6  76      2.6  220.6   12.49     0.00

19  17   6  76      3.6  242.7   11.37     0.00

20  17   6  76      2.1  256.9    9.52     0.00

21  17   6  76      3.3  282.9    7.70     0.00

22  17   6  76      4.2   46.5    7.97     0.02

23  17   6  76      3.2  219.8    6.06     0.00
```

```
[illegible] OIL SHALE PROJECT, SITE [illegible]

        METEOROLOGICAL DATA
HR DY MO YR    WSPD   WDIR    ATEMP    PREC
-- -- -- --   +----------------------------+

 0 15  6 76    3.[illegible] [illegible]1.1  [illegible]  [illegible]
 1 15  6 76    1.[illegible] [illegible].4  3.37  [illegible]
 2 15  6 76    1.[illegible] [illegible].7  3.15  [illegible]
 3 15  6 76    3.1  2[illegible].[illegible]  1.[illegible]1  0.[illegible]
 4 15  6 76    3.7  2[illegible].[illegible]  1.[illegible]  0.0[illegible]
 5 15  6 76    3.5  [illegible]  1.45  0.0[illegible]
 6 15  6 76    2.[illegible]  241.[illegible]  2.[illegible]  [illegible]
 7 15  6 76    1.4   34.3   7.51  [illegible]
 8 15  6 76    3.[illegible]   47.7   9.67  0.[illegible]
 9 15  6 76    3.2  1[illegible].4  1[illegible].[illegible]3  [illegible]
10 15  6 76   13.5  [illegible].4  14.9[illegible]  0.[illegible]
11 15  6 76   13.7  [illegible].2  15.56  0.[illegible]
12 15  6 76   12.7  271.4  16.10  0.[illegible]
13 15  6 76   12.1  2[illegible].[illegible]  17.97  0.0[illegible]
14 15  6 76    9.[illegible]  [illegible].4  17.91  0.[illegible]
15 15  6 76    [illegible].2  346.7  1[illegible].1[illegible]  0.[illegible]
16 15  6 76    9.[illegible]   36.2  18.19  0.[illegible]
17 15  6 76   1[illegible].5   41.2  18.[illegible]  0.[illegible]
18 15  6 76   14.7   42.7  17.76  0.[illegible]
19 15  6 76    [illegible].7   [illegible]  16.4[illegible]  0.[illegible]
20 15  6 76    2.[illegible]   34.5  13.[illegible]7  0.00
21 15  6 76    [illegible].2  214.9   9.[illegible]4  0.00
22 15  6 76    4.[illegible]  2[illegible].[illegible]   6.37  0.[illegible]
23 15  6 76    1.[illegible]  22[illegible].4   6.25  0.[illegible]
```

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RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------+

 0 19  6 76     4.4  225.1    5.51     0.00

 1 19  6 76     2.3  245.3    4.23     0.00

 2 19  6 76     2.3  220.4    3.11     0.00

 3 19  6 76     2.9  244.2    1.20     0.00

 4 19  6 76     2.7  225.8    1.36     0.00

 5 19  6 76     3.4  239.5    0.05     0.00

 6 19  6 76     3.9  242.1    2.94     0.00

 7 19  6 76     1.1  291.9    9.61     0.00

 8 19  6 76     2.7   41.3   13.30     0.00

 9 19  6 76     5.6   39.0   15.75     0.00

10 19  6 76     4.8   48.9   18.57     0.00

11 19  6 76     4.6   23.9   20.95     0.00

12 19  6 76     7.5  341.2   22.09     0.00

13 19  6 76     5.2  33 .1   23.72     0.00

14 19  6 76     7.8  307.3   24.30     0.00

15 19  6 76     7.5  251.7   25.20     0.00

16 19  6 76     7.7  262.2   26.08     0.00

17 19  6 76     3.1  238.7   26.20     0.00

18 19  6 76     6.0  259.0   26.09     0.00

19 19  6 76     3.3  327.9   25.62     0.00

20 19  6 76     4.5  231.3   16.41     0.00

21 19  6 76     5.2  240.3   14.81     0.00

22 19  6 76     4.0  221.4   12.13     0.00

23 19  6 76     4.4  233.7   10.61     0.00
```

[illegible]

```
                          [illegible]
[illegible]                 [illegible]
-- -- -- --   +-----------------------------------+

 0 26  6 78      4.0  [illegible]     7.[illegible]      0.00
 1 26  6 78      5.0  245.[illegible]  [illegible]       0.00
 2 26  6 78      4.[illegible]  241.0      5.21      0.00
 3 26  6 78      [illegible]  246.2      5.65      0.00
 4 26  6 78      4.5  242.4      5.[illegible]      0.00
 5 26  6 78      [illegible]  231.6      4.[illegible]      0.00
 6 26  6 78      3.1  241.[illegible]      6.7[illegible]      0.00
 7 26  6 78      2.2   [illegible]     12.5[illegible]      0.00
 8 26  6 78      3.6   87.[illegible]     18.[illegible]      0.00
 9 26  6 78      4.[illegible]   44.0     23.34      0.00
10 26  6 78     13.7  217.[illegible]     27.5[illegible]      0.00
11 26  6 78     16.1  223.1     2[illegible].4[illegible]      0.00
12 26  6 78     1[illegible].[illegible]  234.5     25.76      0.00
13 26  6 78     22.4  216.2     29.41      0.00
14 26  6 78     22.5  224.3     2[illegible].3[illegible]      0.00
15 26  6 78     21.[illegible]  [illegible]     29.42      0.00
16 26  6 78     17.[illegible]  215.[illegible]     29.96      0.00
17 26  6 78     17.[illegible]  230.[illegible]     [illegible]      0.00
18 26  6 78     13.5  224.7     24.[illegible]      0.00
19 26  6 78     12.[illegible]  216.1     27.51      0.00
20 26  6 78      6.[illegible]  21[illegible].[illegible]     24.72      0.00
21 26  6 78      3.[illegible]  244.1     16.27      0.00
22 26  6 78      7.[illegible]  221.[illegible]     14.17      0.00
23 26  6 78      6.[illegible]  224.[illegible]     2[illegible].34      0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10      PREC
++ ++ ++ ++    +-------------------------------+

 0 21  6 76      5.5  237.3  1[illegible].37      0.00

 1 21  6 76      4.3  241.6   13.25      0.00

 2 21  6 76      1.7  342.0   10.32      0.00

 3 21  6 76      3.2   47.3   10.26      0.00

 4 21  6 76      2.7  2[illegible]6.2    8.45      0.00

 5 21  6 76      4.2  223.3    6.63      0.00

 6 21  6 76      5.4  243.3    8.15      0.00

 7 21  6 76      2.2  257.4   16.02      0.00

 8 21  6 76    999.0  999.0  999.00      0.00

 9 21  6 76    999.0  999.0  999.00      0.00

10 21  6 76    999.0  999.0  999.00      0.00

11 21  6 76    999.0  999.0  999.00      0.00

12 21  6 76    999.0  999.0  999.00      0.00

13 21  6 76    999.0  999.0  999.00      0.00

14 21  6 76    999.0  999.0  999.00      0.00

15 21  6 76    999.0  999.0  999.00      0.00

16 21  6 76    999.0  999.0  999.00      0.00

17 21  6 76     11.3  233.2   23.20      0.00

18 21  6 76     15.2  229.7   2[illegible].71      0.00

19 21  6 76     11.6  220.1   26.95      0.00

20 21  6 76      7.1  221.5   23.[illegible]      0.00

21 21  6 76      3.3  237.0   15.14      0.00

22 21  6 76      2.9  230.9   14.52      0.00

23 21  6 76      3.6  231.1   19.56      0.00
```

```
[illegible] PROJECT SITE [illegible]

             [illegible]
[illegible]
** ** ** **     I-------------------------------I

 0 22  6 76      5.4  [illegible]   17.07      0.[illegible]

 1 22  6 76  [illegible]  218.[illegible]   15.17  [illegible]

 2 22  6 76  [illegible]  272.[illegible]   15.19      0.[illegible]

 3 22  6 76      7.4  [illegible]   17.84      0.[illegible]

 4 22  6 76     11.3  284.1   17.59      0.[illegible]

 5 22  6 76      6.3  271.[illegible]   13.30      0.[illegible]

 6 22  6 76      4.1  241.6   11.[illegible]      0.[illegible]

 7 22  6 76      3.3  [illegible].6   12.74      0.[illegible]

 8 22  6 76      7.[illegible]  [illegible].3   14.38      0.[illegible]

 9 22  6 76      7.0  [illegible].4   14.30      0.[illegible]1

10 22  6 76  [illegible].3  [illegible]7.6   15.70      0.[illegible]1

11 22  6 76      8.5  [illegible].6   17.77      0.[illegible]

12 22  6 76    999.0  999.0  999.00      0.00

13 22  6 76    999.0  999.0  999.00      0.00

14 22  6 76    999.0  999.0  999.00      0.00

15 22  6 76    999.   999.0  999.00      0.00

16 22  6 76    999.0  999.0  999.00      0.00

17 22  6 76    999.0  999.   999.00      0.00

18 22  6 76  [illegible].3  310.5   14.64      0.47

19 22  6 76      7.7   12.8   12.11      0.04

20 22  6 76  [illegible].3   13.4   11.27      0.0[illegible]

21 22  6 76     10.5   42.4   10.[illegible]      0.05

22 22  6 76      3.5  214.6    9.13      0.01

23 22  6 76      3.4  2[illegible]1.[illegible]    8.37      0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

         METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   TT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 23  6 76      2.2  252.3    6.90    0.00

 1 23  6 76      3.6  242.3    6.82    0.00

 2 23  6 76      2.9  233.4    6.04    0.00

 3 23  6 76      5.6  222.7    5.93    0.00

 4 23  6 76      4.2  222.9    5.93    0.00

 5 23  6 76      3.0  217.2    7.23    0.00

 6 23  6 76      1.9  249.1    8.13    0.00

 7 23  6 76      1.7  242.3   10.57    0.00

 8 23  6 76      3.1  116.9   12.51    0.00

 9 23  6 76      4.7  344.8   13.63    0.00

1  23  6 76      4.2  357.9   14.09    0.00

11 23  6 76    999.0  999.0  999.00    0.00

12 23  6 76    999.0  999.0  999.00    0.00

13 23  6 76      8.1  266.7   17.40    0.00

14 23  6 76     11.4  251.2   17.71    0.00

15 23  6 76     12.4  251.3   18.13    0.00

16 23  6 76     11.6  297.2   18.56    0.00

17 23  6 76     14.3  357.1   16.85    0.00

18 23  6 76     13.3   20.2   15.70    0.00

19 23  6 76     10.2   23.5   14.32    0.00

20 23  6 76      2.4  285.6   11.94    0.00

21 23  6 76      3.9  339.2   12.17    0.00

22 23  6 76      2.9  322.1   10.79    0.00

23 23  6 76      3.3  225.6    9.23    0.00
```

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[illegible] PROJECT [illegible]

        [illegible] DATA
[illegible]  YR    [illegible]
** ** ** **   +--------------------------------+

[illegible] 24 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   4.1   [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   3.23   [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   2.22   [illegible]
[illegible] 24 6 [illegible]   4.5   [illegible]   1.64   [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  211.2   12.45   [illegible]
[illegible] 24 6 [illegible]   4.1   [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   5.1   [illegible]   [illegible]  [illegible]
11 24 6 [illegible]   [illegible]  [illegible]   15.67   [illegible]
12 24 6 [illegible]   7.4   [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
14 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   19.56   [illegible]
[illegible] 24 6 [illegible]   13.2  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   11.5  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  233.1   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   [illegible]  [illegible]
[illegible] 24 6 [illegible]   [illegible]  [illegible]   7.27   [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0  25   6  76      8.4   227.2     7.71     0.00

 1  25   6  76      4.0   237.7     5.71     0.00

 2  25   6  76      8.7   226.3     6.09     0.00

 3  25   6  76      4.7   231.2     3.39     0.00

 4  25   6  76      4.2   234.0     1.54     0.00

 5  25   6  76      3.9   242.5     0.24     0.00

 6  25   6  76      2.6   239.9     4.55     0.00

 7  25   6  76      2.5    51.5    11.31     0.00

 8  25   6  76      3.6     1.6    16.81     0.00

 9  25   6  76     11.4   255.8    19.46     0.00

10  25   6  76     12.6   232.9    20.45     0.00

11  25   6  76     16.3   225.1    21.14     0.00

12  25   6  76     19.5   222.1    22.05     0.00

13  25   6  76     14.6   236.1    22.08     0.00

14  25   6  76     15.0   227.3    23.12     0.00

15  25   6  76     19.7   250.4    24.20     0.00

16  25   6  76     14.7   255.4    24.58     0.00

17  25   6  76     15.4   266.6    24.65     0.00

18  25   6  76     14.9   254.9    24.05     0.00

19  25   6  76     10.5   224.9    22.93     0.00

20  25   6  76      8.1   223.8    20.70     0.00

21  25   6  76      5.4   217.4    20.25     0.00

22  25   6  76      5.1   202.7    16.60     0.00

23  25   6  76      5.2   224.0    13.76     0.00
```

```
[illegible]  SITE  [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   ATMP    PREC
++ ++ ++ ++   +------------------------------+

 0 26  6 76    [illegible] [illegible] 12.55  0.00

 1 26  6 76    3.8   40.5    7.54    0.00

 2 26  6 76    1.2  255.5    7.05    0.00

 3 26  6 76    2.2  [illegible]  8.59    0.00

 4 26  6 76    [illegible]  47.2   10.13    0.00

 5 26  6 76    5.5   43.1   10.95    0.00

 6 26  6 76    2.[illegible] 221.2   11.77    0.00

 7 26  6 76    9.4  355.5   13.06    0.00

 8 26  6 76    [illegible]  25.7   14.74    0.00

 9 26  6 76    9.3  [illegible]  15.21    0.00

10 26  6 76    6.5   47.9   16.36    0.00

11 26  6 76    7.4  [illegible]  17.36    0.00

12 26  6 76   10.5   38.9   [illegible]    0.00

13 26  6 76    8.0   45.2   21.07    0.00

14 26  6 76    6.[illegible]  75.5   22.48    0.00

15 26  6 76    4.9  [illegible]  24.15    0.00

16 26  6 76    5.5   53.6   24.53    0.00

17 26  6 76    7.2   43.6   24.47    0.00

18 26  6 76    7.[illegible]  42.7   24.44    0.00

19 26  6 76    4.3   34.5   23.53    0.00

20 26  6 76    3.5  228.0   17.56    0.00

21 26  6 76    4.1  219.9   13.49    0.00

22 26  6 76    3.3  243.3   12.49    0.00

23 26  6 76    4.2  215.3    9.59    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++    +-----------------------------------+

 0  27   6  76       2.9   225.9     8.67      0.00

 1  27   6  76       4.4   231.9     5.53      0.00

 2  27   6  76       4.8   244.9     4.54      0.00

 3  27   6  76       3.0   241.7     3.39      0.00

 4  27   6  76       3.4   241.9     3.01      0.00

 5  27   6  76       3.8   237.5     1.33      0.00

 6  27   6  76       3.4   231.3     5.19      0.00

 7  27   6  76       2.4    71.9    12.49      0.00

 8  27   6  76       5.0    59.2    15.46      0.00

 9  27   6  76       2.4    77.1    21.17      0.00

10  27   6  76       4.7    67.9    22.87      0.00

11  27   6  76       3.4   233.5    26.34      0.00

12  27   6  76      13.2   274.3    27.59      0.00

13  27   6  76      12.2   272.1    28.28      0.00

14  27   6  76       9.3   273.3    28.34      0.00

15  27   6  76       8.1   269.9    29.11      0.00

16  27   6  76       4.9    46.9    29.57      0.00

17  27   6  76       4.2   174.6    29.74      0.00

18  27   6  76       4.1   323.7    29.87      0.00

19  27   6  76       5.5   356.4    28.42      0.00

20  27   6  76       2.6   241.0    21.46      0.00

21  27   6  76       4.1   229.4    15.41      0.00

22  27   6  76       3.3   235.9    13.43      0.00

23  27   6  76       4.6   241.6    10.97      0.00
```

```
[illegible] PROJECT  SITE  [illegible]

         [illegible] DATA
HR DY MO YR    WS1    DR1     AT10     PREC
** ** ** **   +------------------------------+

 0 28  6 78    4.[illegible] 334.[illegible]    [illegible].94   [illegible]

 1 28  6 78    3.1  329.7    [illegible]     [illegible]

 2 28  6 78    2.4  227.[illegible]    5.82    [illegible]

 3 28  6 78    3.[illegible]  241.4    5.03    0.[illegible]

 4 28  6 78    4.[illegible]  22[illegible].4    4.[illegible]    [illegible]

 5 28  6 78    2.[illegible]  239.5    4.[illegible]    [illegible]

 6 28  6 78    2.[illegible]  23[illegible]    5.61    [illegible]

 7 28  6 78    1.[illegible]   52.9   14.15    [illegible]

 8 28  6 78    2.5   [illegible].1   19.[illegible]    [illegible]

 9 28  6 78    [illegible]   54.2   [illegible]    [illegible]

10 28  6 78    5.[illegible]   44.[illegible]   24.17    [illegible]

11 28  6 78    5.[illegible]   31.6   26.[illegible]5    [illegible]

12 28  6 78    4.[illegible]   56.5   27.71    [illegible]

13 28  6 78    5.1   [illegible].2   29.[illegible]7    [illegible]

14 28  6 78    [illegible].5   22.9   3[illegible].25    [illegible]

15 28  6 78    4.6  254.5   3[illegible].64    [illegible]

16 28  6 78    5.2  [illegible]2.7   30.79    [illegible]

17 28  6 78    [illegible]  3[illegible]9.7   3[illegible].43    0.[illegible]

18 28  6 78    5.1   24.[illegible]   29.26    0.[illegible]

19 28  6 78    7.2   38.9   28.59    [illegible]

20 28  6 78    1.[illegible]  2[illegible]1.1   22.07    [illegible]

21 28  6 78    [illegible]  21[illegible]   17.27    [illegible]

22 28  6 78    4.1  [illegible]   13.44    [illegible]

23 28  6 78    4.[illegible]  24[illegible]   10.[illegible]    [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 29  6 76      4.0  235.3    9.84    0.00

 1 29  6 76      4.0  250.6    6.33    0.00

 2 29  6 76      4.0  244.3    6.41    0.00

 3 29  6 76      3.5  233.7    5.12    0.00

 4 29  6 76      3.5  230.6    4.34    0.00

 5 29  6 76      4.1  243.2    3.66    0.00

 6 29  6 76      3.2  238.2    6.94    0.00

 7 29  6 76      1.9  169.6   15.09    0.00

 8 29  6 76      4.8   66.9   19.57    0.00

 9 29  6 76      4.7   65.5   23.42    0.00

10 29  6 76      6.7   42.2   26.83    0.00

11 29  6 76      5.3   65.0   29.04    0.00

12 29  6 76      5.1   43.7   28.15    0.00

13 29  6 76      4.6   54.0   27.16    0.00

14 29  6 76      7.9   35.2   28.23    0.00

15 29  6 76      5.3  343.4   29.34    0.00

16 29  6 76      6.5   53.2   29.54    0.00

17 29  6 76      3.3  147.8   29.17    0.00

18 29  6 76      8.1  172.3   28.15    0.00

19 29  6 76      9.2  196.8   27.44    0.00

20 29  6 76      6.6  225.2   22.92    0.00

21 29  6 76      2.1  161.3   18.10    0.00

22 29  6 76      2.9  351.9   15.78    0.00

23 29  6 76      1.6  235.0   15.10    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE FOUR

          METEOROLOGICAL DATA
HR DY MO YR   [illegible]   [illegible]   [illegible]    PREC
** ** ** **   +------------------------------+

 0 30  6 76    [illegible]  221.5   14.19     0.00

 1 30  6 76     5.2  234.0   13.41     0.00

 2 30  6 76     3.2  246.6   11.44     0.00

 3 30  6 76     4.8  232.3   11.89     0.00

 4 30  6 76     5.5  187.1   12.12     0.00

 5 30  6 76     4.5  [illegible]    9.55     0.00

 6 30  6 76     4.6  240.9   11.30     0.00

 7 30  6 76     3.1  244.5   17.74     0.00

 8 30  6 76    11.2  176.4   23.63     0.00

 9 30  6 76    13.0  224.4   25.34     0.00

10 30  6 76    14.3  [illegible]   26.04     0.00

11 30  6 76    13.1  [illegible]   27.23     0.00

12 30  6 76    10.1  [illegible]   27.33     0.00

13 30  6 76     9.1  241.9   27.91     0.00

14 30  6 76    12.5  236.3   26.55     0.00

15 30  6 76    14.4  232.4   25.11     0.00

16 30  6 76    17.7  [illegible]   27.63     0.00

17 30  6 76    [illegible]  [illegible]   26.59     0.00

18 30  6 76    11.9  [illegible]   25.50     0.00

19 30  6 76    10.4  [illegible]   24.33     0.00

20 30  6 76    [illegible]  257.4   22.18     0.00

21 30  6 76     6.1  [illegible]   19.99     0.00

22 30  6 76     6.7  235.9   17.20     0.00

23 30  6 76    [illegible]  [illegible]   [illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WDR10    AT10      PREC
++  ++  ++  ++    +--------------------------------+

 0   1   7  76       2.9   218.2    18.23     0.00

 1   1   7  76       3.3   214.4    17.91     0.00

 2   1   7  76       6.1   195.8    17.83     0.00

 3   1   7  76       3.9   227.9    16.82     0.00

 4   1   7  76       3.3   260.6    15.77     0.00

 5   1   7  76       5.0   221.1    16.12     0.00

 6   1   7  76       5.5   189.7    17.19     0.00

 7   1   7  76      11.3   135.3    19.35     0.00

 8   1   7  76      12.5   179.0    21.54     0.00

 9   1   7  76       5.9   235.3    23.79     0.00

10   1   7  76       7.6   229.7    24.98     0.00

11   1   7  76       8.0   255.2    25.16     0.00

12   1   7  76       4.6   272.3    26.27     0.00

13   1   7  76      10.7   253.2    27.05     0.00

14   1   7  76      11.5   291.8    24.67     0.00

15   1   7  76       6.5   275.2    23.67     0.00

16   1   7  76       4.2   246.1    23.37     0.00

17   1   7  76       2.7   177.5    22.41     0.00

18   1   7  76       4.5   253.9    20.75     0.00

19   1   7  76       2.3   232.0    23.10     0.00

20   1   7  76       3.9   246.9    17.02     0.00

21   1   7  76       2.4   231.1    15.29     0.00

22   1   7  76       4.0   224.3    13.07     0.00

23   1   7  76       5.5   252.1    10.07     0.00
```

```
[illegible]                                     SITE FOUR

                 [illegible]
[illegible]                    [illegible]      PREC
[illegible]        +-----------------------------------+

 0  2  7 76     4.[illegible]  [illegible]  [illegible].41   [illegible]
 1  2  7 76     4.[illegible]  [illegible]  1[illegible].52  [illegible]
 2  2  7 76     4.[illegible]  [illegible]  1[illegible].15  [illegible]
 3  2  7 76     4.[illegible]  [illegible]   9.46   [illegible]
 4  2  7 76     3.[illegible]  245.[illegible]  [illegible]   0.00
 5  2  7 76     4.[illegible]  [illegible]  [illegible]   [illegible]
 6  2  7 76     [illegible]  [illegible]  1[illegible].1[illegible]  [illegible]
 7  2  7 76     [illegible].5  [illegible].9  17.1[illegible]  [illegible]
 8  2  7 76     4.1  [illegible].1  19.1[illegible]  [illegible]
 9  2  7 76     5.3  [illegible]  21.44   [illegible]
10  2  7 76     3.[illegible]  [illegible]  25.1[illegible]  [illegible]
11  2  7 76    1[illegible].5  2[illegible]  26.9[illegible]  [illegible]
12  2  7 76    1[illegible].1  2[illegible]  26.[illegible]4  [illegible]
13  2  7 76    1[illegible]  21[illegible]  27.[illegible]  [illegible]
14  2  7 76    17.3  217.9  2[illegible]  [illegible]
15  2  7 76    1[illegible].1  214.2  2[illegible].71  [illegible]
16  2  7 76    16.2  2[illegible].5  23.45  [illegible]
17  2  7 76    15.5  213.[illegible]  2[illegible]6  0.[illegible]
18  2  7 76    13.[illegible]  21[illegible].5  2[illegible].14  [illegible]
19  2  7 76    1[illegible].2  221.7  2[illegible].55  0.[illegible]
20  2  7 76     4.5  23[illegible]  20.6[illegible]  0.[illegible]
21  2  7 76     [illegible]  22[illegible].4  15.32  0.[illegible]
22  2  7 76     5.[illegible]  22[illegible].4  14.79  [illegible]
23  2  7 76     [illegible]  [illegible]  13.94  [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10    AT10     PREC
++  ++  ++  ++    +------------------------------+

 0   3   7  76      4.4    21.4   17.30     0.00

 1   3   7  76      4.5   241.7   10.05     0.00

 2   3   7  76      3.2   251.4    8.00     0.00

 3   3   7  76      4.5   243.1    5.57     0.00

 4   3   7  76      4.7   236.5    5.59     0.00

 5   3   7  76      4.6   247.7    6.45     0.00

 6   3   7  76      2.9   242.3    7.64     0.00

 7   3   7  76      3.3    51.6   13.58     0.00

 8   3   7  76      4.5    42.3   17.22     0.00

 9   3   7  76      4.5    62.7   20.53     0.00

10   3   7  76      3.2    66.0   24.10     0.00

11   3   7  76      5.3   154.6   25.99     0.00

12   3   7  76      6.4   333.9   27.13     0.00

13   3   7  76      3.4    63.5   27.77     0.00

14   3   7  76      7.3     4.0   28.65     0.00

15   3   7  76     11.3    56.2   28.35     0.00

16   3   7  76      5.5   113.7   29.16     0.00

17   3   7  76      6.1    36.1   28.90     0.00

18   3   7  76      6.6    41.3   29.29     0.00

19   3   7  76      4.0    50.3   27.75     0.00

20   3   7  76      1.3   209.7   21.97     0.00

21   3   7  76      4.6   241.0   18.32     0.00

22   3   7  76      4.9   235.8   13.95     0.00

23   3   7  76      3.2   210.4   12.64     0.00
```

```
[illegible] SITE [illegible]

      [illegible]
HR DY MO YR   [illegible]   [illegible]   [illegible]   [illegible]
-- -- -- --   +------------------------------+

 [illegible]  4  7 76    [illegible]  [illegible]   [illegible]   [illegible]
 1  4  7 76    4.[illegible]  [illegible]45.[illegible]   [illegible].45   [illegible]
 2  4  7 76    5.[illegible]  241.[illegible]   4.2[illegible]   [illegible]
 3  4  7 76    [illegible].2  24[illegible].[illegible]   4.34   [illegible]
 4  4  7 76    4.6  246.[illegible]   [illegible].56   [illegible]
 5  4  7 76    2.[illegible]  24[illegible].[illegible]   [illegible]   [illegible]
 6  4  7 76    4.1  [illegible]44.4   [illegible].3[illegible]   [illegible]
 7  4  7 76    1.[illegible]  [illegible].4   14.6[illegible]   [illegible]
 8  4  7 76    4.1  [illegible].[illegible]   20.3[illegible]   [illegible]
 9  4  7 76    [illegible]  [illegible]   24.17   [illegible]
10  4  7 76    4.[illegible]  [illegible]4.[illegible]   [illegible]   [illegible]
11  4  7 76    5.2  [illegible]   [illegible]   [illegible]
12  4  7 76    3.[illegible]  21[illegible].2   [illegible].45   [illegible]
13  4  7 76    5.[illegible]  357.[illegible]   3[illegible].18   [illegible]
14  4  7 76    [illegible].6  [illegible]   31.35   [illegible]
15  4  7 76   12.[illegible]  [illegible]   [illegible]1.2[illegible]   [illegible]
16  4  7 76   11.1  [illegible]   31.23   [illegible]
17  4  7 76    [illegible]  215.4   31.64   [illegible]
18  4  7 76    7.[illegible]  225.4   3[illegible].47   [illegible]
19  4  7 76    7.[illegible]  224.2   29.09   [illegible]
20  4  7 76    5.5  249.7   23.12   0.0[illegible]
21  4  7 76    4.2  212.2   16.79   [illegible]
22  4  7 76    4.9  204.5   13.54   0.00
23  4  7 76    4.[illegible]  [illegible]   [illegible].68   0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  5  7 76      2.7  287.7   12.18     0.00

 1  5  7 76      3.8  232.0    8.40     0.00

 2  5  7 76      4.2  253.8    6.16     0.00

 3  5  7 76      3.6  235.1    7.14     0.00

 4  5  7 76      3.7  246.7    5.39     0.00

 5  5  7 76      3.0  243.4    3.83     0.00

 6  5  7 76      2.3  247.6    7.15     0.00

 7  5  7 76      1.5   73.0   15.06     0.00

 8  5  7 76      3.1   50.7   19.97     0.00

 9  5  7 76      3.6   51.7   24.11     0.00

10  5  7 76      4.6   66.7   27.52     0.00

11  5  7 76      7.5   47.2   29.31     0.00

12  5  7 76      9.7   35.0   30.28     0.00

13  5  7 76      6.4  336.6   31.45     0.00

14  5  7 76      6.5   15.9   30.95     0.00

15  5  7 76      7.3   12.4   31.15     0.00

16  5  7 76      5.[illegible]    5.9   31.50     0.00

17  5  7 76      7.5   39.2   31.97     0.00

18  5  7 76      5.9   55.5   31.32     0.00

19  5  7 76      7.4   16.2   31.07     0.00

20  5  7 76      2.8  253.4   23.30     0.00

21  5  7 76      4.1  232.3   18.29     0.00

22  5  7 76      4.3  252.5   15.55     0.00

23  5  7 76      3.7  230.5   13.21     0.00
```

```
[illegible]

               [illegible]
[illegible]
[illegible]          |----------------------------------+

 0  6  7 76    [illegible].1  251.[illegible]  11.3[illegible]  [illegible]
 1  6  7 76    4.[illegible]  23[illegible].[illegible]  [illegible].72  0.[illegible]
 2  5  7 76    [illegible]  [illegible]  [illegible].04  [illegible]
 3  6  7 76    [illegible]  [illegible]  10.32  [illegible]
 4  6  7 76    4.7  2[illegible]3.9  [illegible].95  [illegible]
 5  6  7 76    1.4  2[illegible]4.3  [illegible].72  [illegible]
 6  6  7 76    2.[illegible]  25[illegible]  9.64  [illegible]
 7  6  7 76    1.[illegible]  254.4  1[illegible].34  0.[illegible]
 8  6  7 76    2.[illegible]  [illegible].7  22.95  [illegible]
 9  6  7 76    3.6  11[illegible].5  [illegible]7.4[illegible]  [illegible]
10  6  7 76    [illegible]  [illegible]  27.5[illegible]  [illegible]
11  6  7 76    6.1  [illegible]  27.95  [illegible]
12  6  7 76    5.7  [illegible]  [illegible].01  [illegible]
13  6  7 76    6.[illegible]  244.4  31.[illegible]  [illegible]
14  6  7 76    [illegible]  2[illegible].7  31.[illegible]5  [illegible]
15  6  7 76    [illegible]  [illegible].7  30.52  [illegible]
16  6  7 76    7.[illegible]  [illegible]  31.53  [illegible]
17  6  7 76    4.6  21[illegible].[illegible]  31.[illegible]9  0.00
18  6  7 76    5.[illegible]  [illegible].7  31.45  0.[illegible]
19  6  7 76    [illegible]  1[illegible]4.6  29.3[illegible]  0.[illegible]
20  6  7 76    7.2  23[illegible].[illegible]  27.17  0.0[illegible]
21  6  7 76    [illegible].1  24[illegible].2  23.37  0.[illegible]
22  6  7 76    [illegible].2  226.7  20.55  0.[illegible]
23  6  7 76    [illegible]  2[illegible].1  17.21  0.[illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WDR10    AT10     PREC
++  ++  ++  ++   +-------------------------------+

 0   7   7 76       8.2  199.3   21.65     0.00

 1   7   7 76       8.1  215.7   24.53     0.00

 2   7   7 76       3.1  254.6   17.00     0.00

 3   7   7 76       2.7  247.2   12.83     0.00

 4   7   7 76       5.0  243.5   10.32     0.00

 5   7   7 76       5.2  247.3   10.33     0.00

 6   7   7 76       2.5  224.3   15.30     0.00

 7   7   7 76       0.9  288.5   17.36     0.00

 8   7   7 76       2.2  252.4   22.45     0.00

 9   7   7 76       9.1  183.2   27.42     0.00

10   7   7 76      10.9  269.8  999.00     0.00

11   7   7 76     999.   999.0  999.00     0.00

12   7   7 76      18.2  261.2   27.24     0.00

13   7   7 76       7.0  293.9   27.27     0.00

14   7   7 76      10.9  127.9   26.65     0.00

15   7   7 76       9.1  178.    26.73     0.00

16   7   7 76       3.9  195.3   27.79     0.00

17   7   7 76       7.3  204.6   27.95     0.00

18   7   7 76      11.5  212.0   23.83     0.00

19   7   7 76      14.0  193.0   25.11     0.00

20   7   7 76       7.7  197.6   23.16     0.00

21   7   7 76       3.4  139.3   23.59     0.00

22   7   7 76      13.7  225.3   23.86     0.00

23   7   7 76       5.4  215.1   23.74     0.00
```

```
[illegible] PROJECT [illegible]

          [illegible]
[illegible]
** ** ** **    +------------------------------+

 [illegible]  1  7 76            .1  [illegible]   22.11  [illegible]
  1  [illegible]  7 76          4.5     255.2   21.05    0.00
 [illegible]  [illegible]  7 76          4.0  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]   12.71    0.00
 [illegible]  [illegible]  7 76          5.1  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76          4.1  [illegible]  [illegible]  [illegible]
 [illegible]  [illegible]  7 76          2.2  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]   24.46    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]  [illegible]  [illegible]
 11  [illegible]  7 76  [illegible]  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]   30.31    0.00
 [illegible]  [illegible]  7 76  [illegible]  [illegible]  [illegible]  [illegible]
 [illegible]  [illegible]  7 76          6.2     351.9  [illegible]    0.00
 [illegible]  [illegible]  7 76         14.5  [illegible]   31.27    0.00
 [illegible]  [illegible]  7 76         12.4  [illegible]  [illegible]    0.00
 [illegible]  [illegible]  7 76          5.4  [illegible]   31.37    0.00
 [illegible]  [illegible]  7 76          4.1  [illegible]   32.44    0.00
 [illegible]  [illegible]  7 76          3.6     214.7  [illegible]  [illegible]
 [illegible]  [illegible]  7 76          5.5     225.4  [illegible]    0.00
 [illegible]  [illegible]  7 76          3.3     214.1   19.55    0.00
 [illegible]  [illegible]  7 76          3.9     236.2  [illegible]    0.00
 [illegible]  [illegible]  7 76          4.5  [illegible]   13.41    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WDR10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0  9  7 76     4.9  261.6   11.97    0.00

 1  9  7 76     4.4  259.3   10.96    0.00

 2  9  7 76     6.1  245.5   11.15    0.00

 3  9  7 76     5.1  246.7   10.39    0.00

 4  9  7 76     4.2  254.0   10.68    0.00

 5  9  7 76     3.3  235.6    9.98    0.00

 6  9  7 76     3.6  239.7   13.40    0.00

 7  9  7 76     2.7    3.4   19.37    0.00

 8  9  7 76     5.2  144.9   26.01    0.00

 9  9  7 76     5.   237.4   29.01    0.00

10  9  7 76     4.9  300.4   30.55    0.00

11  9  7 76     6.7  240.5   31.47    0.00

12  9  7 76     7.0  332.6   32.62    0.00

13  9  7 76    12.1  173.0   31.37    0.00

14  9  7 76     6.7  255.7   31.82    0.00

15  9  7 76    15.0  318.0   29.38    0.00

16  9  7 76     7.5  217.2   32.35    0.00

17  9  7 76     5.5  215.8   32.32    0.00

18  9  7 76     5.0  213.0   32.89    0.00

19  9  7 76     6.5  192.1   31.76    0.00

20  9  7 76     9.7  163.3   28.04    0.00

21  9  7 76     0.6  210.4   24.69    0.00

22  9  7 76     6.3  235.4   18.30    0.00

23  9  7 76     3.9  249.0   15.11    0.00
```

```
[illegible]

        (METEOROLOGICAL DATA)
HR DY MO YR    WSPD  WDRCT    TEMP     PREC
-- -- -- --   +--------------------------------+

 0 18  7 76    [illegible] [illegible]   17.81    [illegible]

 1 18  7 76     4.6  206.6    17.01    0.00

 2 18  7 76     2.9  292.5    15.39    0.00

 3 18  7 76     3.4  291.0    12.11    0.00

 4 18  7 76     5.0  237.2    13.94    0.00

 5 18  7 76     4.2  239.6    11.37    0.00

 6 18  7 76     3.7  221.1    12.79    0.00

 7 18  7 76     3.1  252.3    17.95    0.00

 8 18  7 76     3.9  245.2    23.24    0.00

 9 18  7 76     3.1   47.1    27.75    0.00

10 18  7 76     4.4   94.5    30.46    0.00

11 18  7 76     3.1  185.3    31.91    0.00

12 18  7 76     5.4   49.7    32.95    0.00

13 18  7 76     5.4   57.9    33.35    0.00

14 18  7 76     3.2   30.4    33.14    0.00

15 18  7 76     7.9  249.3    32.14    0.00

16 18  7 76    11.5  173.7    30.21    0.00

17 18  7 76     3.5   12.1    29.93    0.00

18 18  7 76    11.4  332.5    29.63    0.00

19 18  7 76     4.6  145.3    26.07    0.00

20 18  7 76     7.7   81.6    25.82    0.00

21 18  7 76     2.4  229.9    23.66    0.00

22 18  7 76     2.7  216.7    23.20    0.11

23 18  7 76     4.7  281.3    23.57    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR  DY  MO  YR      WS10  WDR10   AT10     PREC
++  ++  ++  ++    +--------------------------------+

 0  11   7  76       3.0  320.0   21.77     0.00

 1  11   7  76       3.4  234.4   17.46     0.00

 2  11   7  76       3.5  237.3   15.36     0.00

 3  11   7  76       4.3  238.7   11.10     0.00

 4  11   7  76       4.1  231.3   11.38     0.00

 5  11   7  76       3.2  245.5    9.14     0.00

 6  11   7  76       6.1  234.2   11.76     0.00

 7  11   7  76       3.6  241.4   17.57     0.00

 8  11   7  76       2.9  271.3   22.79     0.00

 9  11   7  76       3.2  260.6   25.89     0.00

10  11   7  76       4.1   40.7   28.69     0.00

11  11   7  76       6.0  302.6   29.69     0.00

12  11   7  76       5.9  136.5   31.11     0.00

13  11   7  76       6.2  136.5   32.42     0.00

14  11   7  76       6.0  235.1   32.37     0.00

15  11   7  76       5.7  155.5   31.45     0.00

16  11   7  76       6.9  311.0   29.04     0.00

17  11   7  76       6.3  300.2   28.42     0.07

18  11   7  76       6.1  239.9   23.60     0.00

19  11   7  76       1.9  100.6   26.47     0.00

20  11   7  76       4.6  332.9   26.44     0.00

21  11   7  76       7.6  217.9   25.31     0.00

22  11   7  76       3.0  259.7   19.10     0.00

23  11   7  76       2.7  234.6   20.27     0.00
```

```
[illegible] PROJECT [illegible]

          [illegible]
[illegible]
++ ++ ++ ++   +-------------------------------+

 0 12  7 76      5.1  110.5  17.21    0.[illegible]
 1 12  7 76      4.1  215.1  15.[illegible]    0.[illegible]
 2 12  7 76      1.9  [illegible]  13.[illegible]    0.00
 3 12  7 76      4.5  234.3  14.55    0.00
 4 12  7 76      1.3  222.1  15.27    0.0
 5 12  7 76      2.4  [illegible]  14.73    0.00
 6 12  7 76      1.7  241.6  17.21    0.[illegible]
 7 12  7 76      4.1  1[illegible].4  23.46    0.[illegible]
 8 12  7 76      5.3  151.1  25.94    0.00
 9 12  7 76      4.3  178.5  26.94    0.[illegible]
10 12  7 76      5.2  194.6  23.[illegible]    0.[illegible]
11 12  7 76      5.5  241.1  22.31    0.00
12 12  7 76      7.6  191.1  29.54    0.00
13 12  7 76     12.7  [illegible]  26.9[illegible]    0.1[illegible]
14 12  7 76      5.9   43.3  22.68    0.0[illegible]
15 12  7 76      4.7   13.9  19.93    0.27
16 12  7 76      5.7   51.[illegible]  [illegible].61    0.0[illegible]
17 12  7 76      3.5  136.0  21.68    0.03
18 12  7 76      2.7   96.4  23.[illegible]    0.0
19 12  7 76      4.9  212.6  22.14    0.[illegible]
20 12  7 76      3.1   4[illegible].6  2[illegible].77    0.0[illegible]
21 12  7 76      5.3  112.7  20.82    0.00
22 12  7 76      [illegible]   [illegible]4.5  19.37    0.0[illegible]
23 12  7 76      2.2  314.4  19.[illegible]    0.[illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +----------------------------+

 0 13  7 76      3.6   73.9   17.71    0.00

 1 13  7 76      4.6   97.6   16.91    0.00

 2 13  7 76      1.6  237.3   14.89    0.01

 3 13  7 76      5.6  222.8   14.69    0.00

 4 13  7 76      2.9  237.7   13.09    0.00

 5 13  7 76      2.7  224.4   11.58    0.00

 6 13  7 76      1.6  217.6   10.58    0.00

 7 13  7 76      1.7    7.3   16.14    0.00

 8 13  7 76      3.6   29.0   18.72    0.00

 9 13  7 76      4.3   41.4   20.97    0.00

10 13  7 76      5.6   37.1   22.41    0.00

11 13  7 76      5.6   52.2   23.98    0.00

12 13  7 76      6.0   58.7   25.50    0.00

13 13  7 76      0.0   20.5   26.54    0.00

14 13  7 76   999.    999.0  999.00    0.00

15 13  7 76   999.0   999.0  999.00    0.00

16 13  7 76      3.0  315.5   25.57    0.00

17 13  7 76      5.5  272.9   29.33    0.00

18 13  7 76      5.7   91.6   28.67    0.00

19 13  7 76      6.9   53.5   27.14    0.00

20 13  7 76      2.0  245.4   22.56    0.00

21 13  7 76      4.0  216.3   18.57    0.00

22 13  7 76      5.0  221.7   16.80    0.00

23 13  7 76      3.9  231.5   14.32    0.00
```

```
[illegible]                                  SITE  [illegible]

             METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   ATMP    PREC
** ** ** **  +-------------------------------+

 0 14  7 76    1.5  23?.0   13.[illegible]    0.00

 1 14  7 76    1.2  134.4   11.57    0.00

 2 14  7 76    1.1  235.4    9.20    0.00

 3 14  7 76    1.0  235.0    8.55    0.00

 4 14  7 76    0.[illegible]  334.7    7.05    0.00

 5 14  7 76    1.7  280.1    5.87    0.00

 6 14  7 76    3.[illegible]  301.3    7.13    0.00

 7 14  7 76    1.4  249.7   14.44    0.00

 8 14  7 76    2.1  111.4   21.65    0.00

 9 14  7 76    4.1   45.4   22.74    0.00

10 14  7 76    5.[illegible]   [illegible]   24.13    0.00

11 14  7 76    5.3   [illegible].2   25.57    0.00

12 14  7 76    5.5   99.3   27.19    0.00

13 14  7 76    4.2  155.4   28.14    0.00

14 14  7 76    3.5   73.9   28.13    0.00

15 14  7 76    9.1  342.7   29.23    0.00

16 14  7 76   10.4  302.5   28.22    0.00

17 14  7 76   12.4  297.7   27.77    0.00

18 14  7 76   11.1  226.5   28.02    0.00

19 14  7 76    9.7  245.2   27.47    0.00

20 14  7 76    9.4  237.6   22.57    0.00

21 14  7 76    6.1  221.5   15.61    0.00

22 14  7 76    3.7  237.5   15.16    0.00

23 14  7 76    4.2   [illegible]   12.95    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 15  7 76      5.2  250.0   10.89    0.00

 1 15  7 76      4.4  241.1    9.80    0.00

 2 15  7 76      2.3  210.2    8.53    0.00

 3 15  7 76      4.5  239.9    6.63    0.00

 4 15  7 76      3.5  227.8    6.73    0.00

 5 15  7 76      3.1  247.0    4.54    0.00

 6 15  7 76      3.0  244.8    6.24    0.00

 7 15  7 76      1.5  199.2   14.95    0.00

 8 15  7 76      7.0   68.2   18.39    0.00

 9 15  7 76      7.5   55.2   20.66    0.00

10 15  7 76      5.8   70.6   22.78    0.00

11 15  7 76      5.0   73.1   25.40    0.00

12 15  7 76      6.7   30.9   26.85    0.00

13 15  7 76     10.6   17.3   28.15    0.00

14 15  7 76     11.5   45.0   28.20    0.00

15 15  7 76     10.6   12.0   29.19    0.00

16 15  7 76      3.9   53.9   29.19    0.00

17 15  7 76      5.1   91.9   28.86    0.00

18 15  7 76      7.6   27.7   29.03    0.00

19 15  7 76      6.4   45.9   27.75    0.00

20 15  7 76      1.9  245.2   22.27    0.00

21 15  7 76      3.6  223.1   17.56    0.00

22 15  7 76      4.9  222.4   14.42    0.00

23 15  7 76      4.2  236.2   12.58    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10   AT10    PREC
** ** ** **   +-------------------------------+

 0 16  7 76    5.0  338.6  11.92    0.00

 1 16  7 76    4.1  235.7  10.23    0.00

 2 16  7 76    3.9  221.1   6.87    0.00

 3 16  7 76    4.7  245.5   6.13    0.00

 4 16  7 76    4.3  230.0   5.74    0.00

 5 16  7 76    4.7  147.3   5.27    0.00

 6 16  7 76    2.1  267.4   6.34    0.00

 7 16  7 76    1.4  219.5  14.36    0.00

 8 16  7 76    3.2   55.1  20.37    0.00

 9 16  7 76    2.7  157.1  24.23    0.00

10 16  7 76    3.6    3.5  27.18    0.00

11 16  7 76    5.4  174.1  29.17    0.00

12 16  7 76    4.9    8.7  29.43    0.00

13 16  7 76    7.4  271.2  30.11    0.00

14 16  7 76    7.7   42.0  30.73    0.00

15 16  7 76    6.6   12.2  31.21    0.00

16 16  7 76   10.1  343.4  31.95    0.00

17 16  7 76    7.2  310.9  31.51    0.00

18 16  7 76    7.3    7.9  31.36    0.00

19 16  7 76    5.6   37.6  29.80    0.00

20 16  7 76    2.5  156.2  24.70    0.00

21 16  7 76    4.4  247.4  18.48    0.00

22 16  7 76    7.1  252.4  16.68    0.00

23 16  7 76    4.1  231.9  15.84    0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
 HR DY MO YR     WS10  WD10   AT10    PREC
 ++ ++ ++ ++    +------------------------------+

  0 17  7 76      3.0  251.4  17.31   0.00

  1 17  7 76      3.   255.7  17.35   0.00

  2 17  7 76      6.4  242.   16.30   0.00

  3 17  7 76      4.5  244.7  15.05   0.00

  4 17  7 76      3.6  275.3  13.14   0.00

  5 17  7 76      3.9  235.3  12.[illegible]   0.00

  6 17  7 76      3.1  233.0  12.44   0.00

  7 17  7 76      1.7  136.2  19.07   0.00

  8 17  7 76      6.7   67.9  24.70   0.00

  9 17  7 76      4.9  212.9  25.79   0.00

 10 17  7 76      4.1  134.6  27.17   0.00

 11 17  7 76      6.9   43.5  28.26   0.00

 12 17  7 76      7.7  162.3  27.13   0.00

 13 17  7 76      3.1   65.9  22.45   0.00

 14 17  7 76      4.0   55.1  24.[illegible]   0.00

 15 17  7 76      4.9   31.5  25.[illegible]   0.00

 16 17  7 76      5.7   32.7  27.73   0.00

 17 17  7 76      7.7   72.5  27.66   0.00

 18 17  7 76      7.3   27.4  24.95   0.00

 19 17  7 76      4.7  222.3  21.49   0.00

 20 17  7 76      7.2  290.2  17.55   0.00

 21 17  7 76      5.6  215.9  17.68   0.00

 22 17  7 76      6.0  232.9  17.11   0.00

 23 17  7 76      2.3  359.1  16.78   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR    WSPD  WDIR   ATMP    PREC
** ** ** **   +------------------------------+

 0 18  7 76     1.3  [illegible]  15.74   0.00

 1 18  7 76     [illegible]  287.7   15.62   0.00

 2 18  7 76     2.4  264.5   15.31   0.00

 3 18  7 76     3.1  235.0   15.32   0.00

 4 18  7 76     3.1  211.5   13.53   0.00

 5 18  7 76     4.[illegible]  175.5   13.33   0.00

 6 18  7 76     3.1  211.3   12.95   0.00

 7 18  7 76   999.0  999.0  999.00   0.00

 8 18  7 76   999.0  999.0  999.00   0.00

 9 18  7 76   999.0  999.0  999.00   0.00

10 18  7 76   999.0  999.0  999.00   0.00

11 18  7 76   999.0  999.0  999.00   0.00

12 18  7 76   999.0  999.0  999.00   0.00

13 18  7 76   999.0  999.0  999.00   0.00

14 18  7 76   999.0  999.0  999.00   0.00

15 18  7 76    12.1  [illegible]   24.45   0.00

16 18  7 76    14.4  297.6   23.37   0.00

17 18  7 76    15.6  251.3   20.13   0.00

18 18  7 76     7.7  266.1   17.63   0.00

19 18  7 76     3.1  233.6   17.25   0.00

20 18  7 76     5.5  216.4   16.67   0.00

21 18  7 76     7.7  183.7   15.37   0.00

22 18  7 76     [illegible]   45.5   14.17   0.00

23 18  7 76     2.[illegible]  127.[illegible]   14.01   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +--------------------------------+

 0 19  7 76      1.9  282.9   13.94    0.00

 1 19  7 76      2.8  215.7   14.11    0.00

 2 19  7 76      3.8  299.1   14.29    0.00

 3 19  7 76      1.9  [illegible]   14.03    0.00

 4 19  7 76      4.5  217.6   14.19    0.00

 5 19  7 76      2.2   74.2   13.51    0.00

 6 19  7 76      2.4  153.7   13.41    0.00

 7 19  7 76      1.3  191.1   14.54    0.00

 8 19  7 76      3.1   21.0   17.40    0.00

 9 19  7 76      4.3  122.4   19.61    0.00

10 19  7 76      4.6   64.0   21.30    0.00

11 19  7 76      3.3  347.4   22.65    0.00

12 19  7 76      5.6  347.1   23.36    0.00

13 19  7 76      6.9   79.6   24.77    0.00

14 19  7 76      3.3   36.7   24.91    0.00

15 19  7 76     10.3  174.0   21.57    0.00

16 19  7 76      7.0  165.3   23.51    0.00

17 19  7 76     10.5  151.1   21.15    0.00

18 19  7 76     11.1  159.1   21.91    0.00

19 19  7 76      6.9  161.7   21.42    0.00

20 19  7 76      6.9  159.8   19.00    0.00

21 19  7 76      9.7  155.3   18.29    0.00

22 19  7 76      3.3   84.2   17.36    0.00

23 19  7 76      2.4   29.6   16.53    0.00
```

[illegible]

[illegible]	4.	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	14.	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	14.85	[illegible]
[illegible]	[illegible]	[illegible]	12.71	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	220.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5.8	[illegible]	24.72	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	12.1	[illegible]	24.21	[illegible]
[illegible]	7.9	[illegible]	[illegible]	[illegible]
[illegible]	3.6	[illegible]	25.77	[illegible]
[illegible]	[illegible]	[illegible]	25.57	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	3.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4.	[illegible]	16.13	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	12.55	[illegible]

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10   AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 21  7 76      3.0  233.5  11.52     0.00

 1 21  7 76      3.2  251.3   9.60     0.00

 2 21  7 76      4.0  234.7   3.99     0.00

 3 21  7 76      3.4  235.5   7.09     0.00

 4 21  7 76      3.3  231.7   6.95     0.00

 5 21  7 76      4.4  246.7   6.26     0.00

 6 21  7 76      2.5  245.7   7.29     0.00

 7 21  7 76      1.3  257.2  13.22     0.00

 8 21  7 76      1.6  272.0  19.42     0.00

 9 21  7 76      3.9   49.3  21.35     0.00

10 21  7 76      5.1   52.5  24.30     0.00

11 21  7 76      5.7  1[illegible].0  25.[illegible]1     0.00

12 21  7 76      5.5   51.2  25.58     0.00

13 21  7 76      7.2  336.0  26.65     0.00

14 21  7 76      4.4   24.2  27.80     0.00

15 21  7 76    999.0  999.0 999.00     0.00

16 21  7 76    999.0  999.0 999.00     0.00

17 21  7 76    999.0  999.0 999.00     0.00

18 21  7 76    999.0  999.0 999.00     0.00

19 21  7 76    999.0  999.0 999.00     0.00

20 21  7 76    999.0  999.0 999.00     0.00

21 21  7 76    999.0  999.0 999.00     0.00

22 21  7 76    999.0  999.0 999.00     0.00

23 21  7 76    999.0  999.0 999.00     0.00
```

```
[illegible]                    SITE  [illegible]

          [illegible]  DATA
HR DY MO YR     [illegible]  [illegible]   ATTN    [illegible]
-- -- -- --    +-----------------------------+

 0 22  7 76   999.0  999.0  999.00   0.00

 1 22  7 76   999.0  999.0  999.00   0.00

 2 22  7 76   999.0  999.0  999.00   0.00

 3 22  7 76   999.0  999.0  999.00   0.00

 4 22  7 76   999.0  999.0  999.00   0.00

 5 22  7 76   999.0  999.0  999.00   0.00

 6 22  7 76   999.0  999.0  999.00   0.00

 7 22  7 76   999.0  999.0  999.00   0.00

 8 22  7 76   999.0  999.0  999.00   0.00

 9 22  7 76   999.0  999.0  999.00   0.00

10 22  7 76   999.0  999.0  999.00   0.00

11 22  7 76   999.0  999.0  999.00   0.00

12 22  7 76   999.0  999.0  999.00   0.00

13 22  7 76   999.0  999.0  999.00   0.00

14 22  7 76   999.0  999.0  999.00   0.00

15 22  7 76   999.0  999.0  999.00   0.00

16 22  7 76   999.0  999.0  999.00   0.00

17 22  7 76   999.0  999.0  999.00   0.00

18 22  7 76   999.0  999.0  999.00   0.00

19 22  7 76   999.0  999.0  999.00   0.00

20 22  7 76   999.0  999.0  999.00   0.00

21 22  7 76   999.0  999.0  999.00   0.00

22 22  7 76   999.0  999.0  999.00   0.00

23 22  7 76   999.0  999.0  999.00   0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10   WD10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 23  7 76    999.0  999.0   999.00     0.00

 1 23  7 76    999.0  999.0   999.00     0.00

 2 23  7 76    999.0  999.0   999.00     0.00

 3 23  7 76    999.0  999.0   999.00     0.00

 4 23  7 76    999.0  999.0   999.00     0.00

 5 23  7 76    999.0  999.0   999.00     0.00

 6 23  7 76    999.0  999.0   999.00     0.00

 7 23  7 76    999.0  999.0   999.00     0.00

 8 23  7 76    999.0  999.0   999.00     0.00

 9 23  7 76    999.0  999.0   999.00     0.00

10 23  7 76    999.0  999.0   999.00     0.00

11 23  7 76    999.0  999.0   999.00     0.00

12 23  7 76    999.0  999.0   999.00     0.00

13 23  7 76    999.0  999.0   999.00     0.00

14 23  7 76    999.0  999.0   999.00     0.00

15 23  7 76    999.0  999.0   999.00     0.00

16 23  7 76     12.3   34.6    23.65     0.00

17 23  7 76      5.7   47.5    31.05     0.00

18 23  7 76      5.9  104.8    30.91     0.01

19 23  7 76      7.1   84.6    29.81     0.00

20 23  7 76      1.5  310.3    24.54     0.00

21 23  7 76      7.7  169.3    24.79     0.00

22 23  7 76      5.1  135.9    22.74     0.00

23 23  7 76      5.9  243.6    15.37     0.00
```

```
  [illegible] SPACE [illegible] SITE [illegible]

           METEOROLOGICAL DATA
 HR DY MO YR     [illegible]
 ** ** ** **   +-------------------------------+

  0 24  7 76     4.4  24[illegible].1  13.[illegible]   0.[illegible]

  1 24  7 76     4.1  242.5  10.85   0.00

  2 24  7 76     4.5  245.2   9.73   0.00

  3 24  7 76     4.3  243.2   8.03   0.00

  4 24  7 76     4.6  246.1   7.09   0.00

  5 24  7 76     5.1  244.1   6.63   0.00

  6 24  7 76     5.5  23[illegible].1   9.47   0.00

  7 24  7 76     4.6  238.[illegible]  15.13   0.00

  8 24  7 76     3.3  157.[illegible]  21.15   0.00

  9 24  7 76     2.7  247.[illegible]  23.[illegible]   0.00

 10 24  7 76     6.[illegible]  [illegible].6  25.24   0.00

 11 24  7 76     5.1   54.3  26.51   0.00

 12 24  7 76     6.1  114.0  27.69   0.00

 13 24  7 76     8.[illegible]  17[illegible].[illegible]  28.39   0.00

 14 24  7 76     [illegible].5  126.4  28.17   0.00

 15 24  7 76     7.[illegible]  197.[illegible]  2[illegible].[illegible]   0.00

 16 24  7 76     7.2  1[illegible].[illegible]  28.67   0.00

 17 24  7 76     6.7  157.1  27.22   0.00

 18 24  7 76     7.4  135.6  22.99   0.00

 19 24  7 76     5.4  217.7  27.26   0.00

 20 24  7 76     5.9  211.4  23.21   0.00

 21 24  7 76     6.3  224.[illegible]  21.16   0.00

 22 24  7 76     3.3  236.1  17.01   0.00

 23 24  7 76     3.3  23[illegible].[illegible]  14.32   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR    WS10  WD10   AT10    PREC
++ ++ ++ ++   +-------------------------------+

 0 25  7 76     3.5  24[illegible].[illegible]  12.29    0.00

 1 25  7 76     3.9  42.[illegible]  14.56    0.00

 2 25  7 76     3.7  3[illegible].2  16.76    0.00

 3 25  7 76     2.[illegible]    7.[illegible]  16.94    0.00

 4 25  7 76     3.7  47.5  15.18    0.00

 5 25  7 76     2.1 214.3  16.47    0.00

 6 25  7 76     1.9 344.5  17.82    0.00

 7 25  7 76     1.1  62.2  18.[illegible]    0.00

 8 25  7 76     4.2 216.[illegible]  23.37    0.00

 9 25  7 76     [illegible].1 3[illegible]5.2  24.77    0.00

10 25  7 76   999.0 999.0 999.00    0.00

11 25  7 76   999.  999.  999.00    0.00

12 25  7 76   999.0 999.0 999.00    0.00

13 25  7 76   999.0 999.  999.00    0.00

14 25  7 76   999.  999.0 999.00    0.00

15 25  7 76   999.0 999.0 999.00    0.00

16 25  7 76   999.0 999.  999.00    0.00

17 25  7 76   999.0 999.0 999.00    0.00

18 25  7 76   999.0 999.0 999.00    0.00

19 25  7 76   999.0 999.0 999.00    0.00

20 25  7 76   999.0 999.  999.00    0.00

21 25  7 76   999.0 999.0 999.00    0.00

22 25  7 76   999.  999.0 999.00    0.00

23 25  7 76   999.0 999.0 999.00    0.00
```

```
[illegible]

        METEOROLOGICAL DATA
HR DY MO YR   [illegible] [illegible]  ATMP   [illegible]
++ -- ++ ++   +--------------------------------+

 0 26  7 76   999.   999.0  999.00   0.00
 1 26  7 76   999.   999.0  999.00   0.00
 2 26  7 76   999.   999.0  999.00   0.00
 3 26  7 76   999.   999.0  999.00   0.00
 4 26  7 76   999.   999.0  999.00   0.00
 5 26  7 76   999.   999.   999.00   0.00
 6 26  7 76   999.   999.   999.00   0.00
 7 26  7 76   999.   999.   999.00   0.00
 8 26  7 76   999.   999.   999.00   0.00
 9 26  7 76   999.   999.   999.00   0.00
10 26  7 76   999.   999.   999.00   0.00
11 26  7 76     5.4   60.1   24.25   0.00
12 26  7 76     3.2  142.1   24.22   0.00
13 26  7 76     7.2  221.2   22.66   0.00
14 26  7 76     7.   151.4   24.    0.00
15 26  7 76     3.5  163.0   24.22   0.00
16 26  7 76    10.2  231.7   22.30   0.00
17 26  7 76     6.   174.2   23.40   0.00
18 26  7 76     6.6  217.7   23.11   0.00
19 26  7 76     7.1  141.4   22.21   0.00
20 26  7 76     2.1  131.8   19.49   0.00
21 26  7 76     4.1  230.4   15.91   0.00
22 26  7 76     2.2  133.2   14.07   0.00
23 26  7 76     2.3  215.1   13.62   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR  DY  MO  YR     WS10   WDR10    AT10      PREC
++  ++  ++  ++    +------------------------------+

 0  27   7  76      7.0   257.4   12.26      0.00

 1  27   7  76    999.0   999.0  999.00      0.00

 2  27   7  76    999.0   999.0  999.00      0.00

 3  27   7  76    999.0   999.0  999.00      0.00

 4  27   7  76    999.0   999.0  999.00      0.00

 5  27   7  76    999.0   999.0  999.00      0.00

 6  27   7  76    999.0   999.0  999.00      0.00

 7  27   7  76    999.0   999.0  999.00      0.00

 8  27   7  76    999.0   999.0  999.00      0.00

 9  27   7  76    999.0   999.0  999.00      0.00

10  27   7  76    999.0   999.0  999.00      0.00

11  27   7  76    999.0   999.0  999.00      0.00

12  27   7  76      9.3     5.9   25.07      0.00

13  27   7  76      9.8   307.7   27.34      0.00

14  27   7  76      9.4     1.5   27.60      0.00

15  27   7  76      9.7 [illegible] 27.55    0.00

16  27   7  76     11.0    39.6   28.99      0.00

17  27   7  76      7.0     7.6   23.78      0.00

18  27   7  76     10.9   312.7   27.97      0.00

19  27   7  76      8.3   231.9   26.62      0.00

20  27   7  76      4.0   271.6   23.84      0.00

21  27   7  76      3.9   222.7   19.14      0.00

22  27   7  76      5.1   229.1   15.93      0.00

23  27   7  76      4.3   230.5   13.89      0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

          DISPERSABILITY DATA
HR DA MO YR    [illegible]  [illegible]   AT1     [illegible]
++ ++ ++ ++   +-----------------------------------+

 0 28  7 76     4.[illegible]  25[illegible]    11.1[illegible]    0.[illegible]

 1 28  7 76     4.5  23[illegible]     9.[illegible]1    0.0[illegible]

 2 28  7 76     3.[illegible]  24[illegible]     [illegible].74    0.[illegible]

 3 28  7 76     [illegible]  23[illegible]     7.4[illegible]    0.[illegible]

 4 28  7 76     4.1  246.5     [illegible]    0.[illegible]

 5 28  7 76     4.1  233.5     6.36    0.[illegible]

 6 28  7 76     3.2  2[illegible]     7.4[illegible]    0.[illegible]

 7 28  7 76     1.5  26[illegible].2    14.76    0.[illegible]

 8 28  7 76     3.5  [illegible].8    18.4[illegible]    0.0[illegible]

 9 28  7 76     3.2  [illegible].2    23.5[illegible]    0.0[illegible]

10 28  7 76     3.6  [illegible]    26.[illegible]    0.07

11 28  7 76     4.1  1[illegible]1.2    28.58    0.0[illegible]

12 28  7 76     [illegible]  1[illegible]4.4    2[illegible].61    0.[illegible]

13 28  7 76     5.7  263.[illegible]    29.59    0.[illegible]

14 28  7 76     [illegible].2  253.1    29.7[illegible]    0.0[illegible]

15 28  7 76     [illegible]  2[illegible]    30.31    0.[illegible]

16 28  7 76    13.1  344.7    29.[illegible]    0.00

17 28  7 76    11.[illegible]  315.7    29.[illegible]    0.00

18 28  7 76     [illegible].3  343.[illegible]    29.[illegible]4    0.0[illegible]

19 28  7 76     4.2  277.5    28.07    0.0[illegible]

20 28  7 76     3.[illegible]  2[illegible].6    20.95    0.0[illegible]

21 28  7 76     [illegible]  221.2    17.37    0.00

22 28  7 76     3.4  24[illegible]    15.43    0.[illegible]

23 28  7 76     4.[illegible]  23[illegible]    14.39    0.[illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +-------------------------------+

 0 29  7 76      1.6   37.5   13.39    0.00

 1 29  7 76      3.8  240.7   12.27    0.00

 2 29  7 76      3.6  244.2   12.57    0.00

 3 29  7 76      3.7  225.9   11.20    0.00

 4 29  7 76      2.7  249.9    8.99    0.00

 5 29  7 76      3.1  235.7    7.88    0.00

 6 29  7 76      3.9  237.4    7.67    0.00

 7 29  7 76      1.6   31.5   15.86    0.00

 8 29  7 76      2.1   56.5   17.95    0.00

 9 29  7 76      2.9   19.3   24.38    0.00

10 29  7 76      5.7   42.8   27.04    0.00

11 29  7 76      6.7   38.9   28.87    0.00

12 29  7 76      3.3  256.9   29.41    0.00

13 29  7 76      6.6  213.6   29.38    0.00

14 29  7 76      9.1  234.4   29.97    0.00

15 29  7 76     11.5  243.0   30.52    0.00

16 29  7 76      9.3  306.7   28.78    0.00

17 29  7 76      7.9  329.3   28.36    0.00

18 29  7 76      7.7   14.7   28.11    0.00

19 29  7 76      9.7   31.1   25.83    0.00

20 29  7 76      2.1  339.8   22.40    0.00

21 29  7 76      4.4  227.0   17.17    0.00

22 29  7 76      4.2  240.0   15.16    0.00

23 29  7 76      3.1  244.7   15.17    0.00
```

```
RIO BLANCO OIL SHALE PROJECT  CITY  [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    WSPD   WINDDIR   TEMP     PREC
** ** ** **   +------------------------------+

 0 30  7 76     1.7   336.[illegible]   14.14      0.[illegible]

 1 30  7 76     2.6   [illegible]   13.8[illegible]      0.[illegible]

 2 30  7 76     1.7   226.1   14.[illegible]      0.00

 3 30  7 76     3.4   139.5   13.55      0.[illegible]

 4 30  7 76     3.1   241.[illegible]   13.4[illegible]      0.0[illegible]

 5 30  7 76     1.8   25[illegible]   13.49      0.[illegible]

 6 30  7 76     3.7   237.[illegible]   12.9[illegible]      0.[illegible]

 7 30  7 76     5.1   242.1   15.30      0.[illegible]

 8 30  7 76     2.2   211.5   22.1[illegible]      0.[illegible]

 9 30  7 76     4.2   [illegible]5.7   23.[illegible]      0.[illegible]

10 30  7 76     6.[illegible]    [illegible].1   25.11      0.0[illegible]

11 30  7 76     7.3    52.5   24.7[illegible]      0.0

12 30  7 76     6.3    67.4   28.11      0.[illegible]

13 30  7 76     5.3    14.2   30.64      0.[illegible]

14 30  7 76    14.[illegible]   36[illegible].3   26.77      0.0[illegible]

15 30  7 76    11.9   337.3   27.61      0.[illegible]

16 30  7 76     7.[illegible]   326.5   29.46      0.0[illegible]

17 30  7 76     5.1    47.3   30.15      0.09

18 30  7 76     4.[illegible]   13[illegible].[illegible]   29.22      0.[illegible]

19 30  7 76     4.7     6.3   28.78      0.[illegible]

20 30  7 76     7.[illegible]   2[illegible]2.9   24.81      0.[illegible]

21 30  7 76    14.5   236.4   19.62      0.[illegible]

22 30  7 76     [illegible]     7.[illegible]   18.52      0.[illegible]1

23 30  7 76     [illegible]    44.4   17.34      [illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DAT
H.  DY MO  YR    WS10   DD10    AT10     PREC
++  ++  ++  ++   +----------------------------------+

 0  31   7  76  999.0  999.0  999.00     0.00

 1  31   7  76  999.0  999.0  999.00     0.00

 2  31   7  76  999.0  999.0  999.00     0.00

 3  31   7  76  999.0  999.0  999.00     0.00

 4  31   7  76  999.0  999.0  999.00     0.00

 5  31   7  76  999.0  999.0  999.00     0.00

 6  31   7  76  999.0  999.0  999.00     0.00

 7  31   7  76  999.0  999.0  999.00     0.00

 8  31   7  76  999.0  999.0  999.00     0.00

 9  31   7  76  999.0  999.0  999.00     0.00

10  31   7  76  999.0  999.0  999.00     0.00

11  31   7  76  999.0  999.0  999.00     0.00

12  31   7  76  999.0  999.0  999.00     0.00

13  31   7  76  999.0  999.0  999.00     0.00

14  31   7  76  999.0  999.0  999.00     0.00

15  31   7  76    6.2  234.0   29.09     0.00

16  31   7  76    9.3  340.0   28.15     0.00

17  31   7  76    8.0  314.7   25.27     0.00

18  31   7  76    6.4  306.1   24.51     0.00

19  31   7  76    9.1  241.4   25.08     0.00

20  31   7  76    7.7  249.4   14.42     0.33

21  31   7  76    8.3   55.0   16.18     0.10

22  31   7  76    7.7   40.0   14.97     0.01

23  31   7  76    1.7   22.3   14.27     0.01
```

```
    RIO BLANCO OIL SHALE PROJECT  SITE  [illegible]

              METEOROLOGICAL DATA
HR DY MO YR     [illegible] [illegible]     AT1     PREC
** ** ** **   +-------------------------------+

 0  1 [illegible] 76   [illegible] [illegible]   14.25   0.00
 1  1 [illegible] 76    2.7  [illegible]   [illegible]   0.00
 2  1 [illegible] 76    2.1   57.5   14.04   0.00
 3  1 [illegible] 76    1.4  [illegible]   14.22   0.00
 4  1 [illegible] 76   [illegible]  284.4   14.45   0.00
 5  1 [illegible] 76    1.5  121.5   14.60   0.00
 6  1 [illegible] 76    3.5  [illegible]   14.79   0.00
 7  1 [illegible] 76    1.3  [illegible]   14.94   0.00
 8  1 [illegible] 76    1.7  265.4   16.23   0.00
 9  1 [illegible] 76    4.1  [illegible]   [illegible]   0.00
10  1 [illegible] 76    3.1  [illegible]   [illegible]   0.00
11  1 [illegible] 76    4.2  245.5   20.15   0.00
12  1 [illegible] 76   [illegible]  [illegible]   21.29   0.00
13  1 [illegible] 76   [illegible]  233.9   20.79   0.00
14  1 [illegible] 76    9.9  [illegible]   18.47   0.00
15  1 [illegible] 76    9.3  [illegible]   20.23   0.00
16  1 [illegible] 76   11.3  175.1   20.76   0.00
17  1 [illegible] 76   [illegible]  185.4   [illegible]   0.00
18  1 [illegible] 76    7.5  [illegible]   19.45   0.00
19  1 [illegible] 76    6.4   55.3   17.53   0.00
20  1 [illegible] 76   [illegible]  157.5   16.88   0.00
21  1 [illegible] 76   [illegible]  216.4   15.96   0.00
22  1 [illegible] 76    2.7  223.3   15.52   0.00
23  1 [illegible] 76    1.9  232.4   14.95   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10   AT10      PREC
++ ++ ++ ++    +------------------------------+

 0  2  8 76      3.6  171.2  15.00     0.00

 1  2  8 76      2.6  232.7  13.44     0.00

 2  2  8 76      1.5  151.4  13.12     0.00

 3  2  8 76      3.7  [illegible]  13.62     0.00

 4  2  8 76      3.1  244.9  12.46     0.00

 5  2  8 76      4.6  [illegible]  13.0[illegible]     0.00

 6  2  8 76      1.7  214.5  12.7[illegible]     0.00

 7  2  8 76      1.7  3[illegible]4.8  13.34     0.00

 8  2  8 76      1.2   22.1  14.07     0.00

 9  2  8 76      4.2   47.1  15.50     0.00

10  2  8 76      4.0   33.8  16.7      0.00

11  2  8 76      4.4   14.3  18.[illegible]     0.00

12  2  8 76      6.1   57.9  19.93     0.0

13  2  8 76      5.9   52.6  21.29     0.00

14  2  8 76      3.4  112.4  22.53     0.00

15  2  8 76      2.7  174.0  22.95     0.00

16  2  8 76      4.1  122.2  23.2[illegible]     0.00

17  2  8 76      5.2   73.4  24.1[illegible]     0.00

18  2  8 76      4.2  155.4  24.35     0.00

19  2  8 76      6.4   63.4  22.65     0.00

20  2  8 76      3.[illegible]  216.1  18.77     0.00

21  2  8 76      4.4  233.0  15.16     0.00

22  2  8 76      5.2  227.0  14.11     0.00

23  2  8 76      2.3  253.5  12.70     0.00
```

```
[illegible]

              [illegible]
[illegible]
++ ++ ++ ++   +-----------------------------------+

 0  3  8 76     3.4  [illegible]  [illegible]  [illegible]
 1  3  8 76    [illegible]  [illegible]  [illegible]  [illegible]
 2  3  8 76    [illegible]  [illegible]  [illegible]  [illegible]
 3  3  8 76    [illegible]  [illegible]   9.53  [illegible]
 4  3  8 76     7.3  [illegible]  14.91  [illegible]
 5  3  8 76    [illegible]  [illegible]  14.64  [illegible]
 6  3  8 76    [illegible]  [illegible]  [illegible]   0.00
 7  3  8 76     4.2  [illegible]  14.75   0.00
 8  3  8 76     3.5  212.1  17.77   0.00
 9  3  8 76    [illegible]  [illegible]  19.47   0.00
10  3  8 76     4.1  [illegible]  21.96  [illegible]
11  3  8 76    15.5  [illegible]  24.11  [illegible]
12  3  8 76    17.1  225.1  24.97   0.00
13  3  8 76    15.5  [illegible]  [illegible]  [illegible]
14  3  8 76    [illegible]  [illegible]  [illegible]   0.00
15  3  8 76    [illegible]  [illegible]  25.56   0.00
16  3  8 76    17.6  [illegible]  23.51  [illegible]
17  3  8 76    [illegible]  [illegible]  23.40   0.00
18  3  8 76     7.4  [illegible]  21.13   0.00
19  3  8 76     3.2  [illegible]  19.28   0.00
20  3  8 76    [illegible]  [illegible]  15.42   0.00
21  3  8 76    [illegible]  [illegible]  13.50   0.00
22  3  8 76     4.2  [illegible]  11.96   0.00
23  3  8 76    [illegible]  [illegible]  14.98   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR      WS10   WD10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0   4   8 76       4.6  220.1   10.65     0.00

 1   4   8 76       4.1  214.6   11.66     0.00

 2   4   8 76       2.7  222.9   10.38     0.00

 3   4   8 76       2.9  216.4    9.04     0.00

 4   4   8 76       3.0  220.7    8.45     0.00

 5   4   8 76       4.1  239.6    7.98     0.00

 6   4   8 76       3.1  231.5    7.57     0.00

 7   4   8 76       2.0  261.4   11.24     0.00

 8   4   8 76       3.4  259.5   15.95     0.00

 9   4   8 76       7.5  233.2   21.79     0.00

10   4   8 76      14.2  224.4   23.30     0.00

11   4   8 76      11.4  235.9   23.10     0.00

12   4   8 76      12.4  218.5   24.06     0.00

13   4   8 76      13.7  221.9   24.75     0.00

14   4   8 76      15.4  225.1   25.07     0.00

15   4   8 76      13.3  215.6   25.47     0.00

16   4   8 76      14.1  220.9   24.96     0.00

17   4   8 76      16.7  222.0   25.73     0.00

18   4   8 76      16.1  237.2   25.14     0.00

19   4   8 76       6.3  240.1   22.38     0.00

20   4   8 76       5.2  243.3   15.37     0.00

21   4   8 76       3.7  224.3   12.72     0.00

22   4   8 76       4.9  234.7   10.05     0.00

23   4   8 76       4.7  244.1    8.75     0.00
```

[illegible] OIL SHALE PROJECT [illegible]

[illegible] DATA

[illegible]	[illegible]	[illegible]	YR	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5	[illegible]	76	1.	[illegible]	[illegible]	[illegible]
1	5	[illegible]	76	[illegible]	[illegible]	2.91	0.0
2	5	[illegible]	76	2.5	[illegible]	[illegible]	[illegible]
3	5	[illegible]	76	[illegible]	[illegible]	5.[illegible]	[illegible]
4	5	[illegible]	76	4.4	[illegible]	4.[illegible]	0.[illegible]
5	5	[illegible]	76	5.9	[illegible]	3.17	[illegible]
6	5	[illegible]	76	1.6	264.	3.51	[illegible]
7	5	[illegible]	76	2.[illegible]	[illegible]	9.49	[illegible]
[illegible]	5	[illegible]	76	1.[illegible]	[illegible]	15.[illegible]	[illegible]
[illegible]	5	[illegible]	76	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	5	[illegible]	76	[illegible]	[illegible]	21.56	[illegible]
11	5	[illegible]	76	5.1	[illegible]	23.31	[illegible]
12	5	[illegible]	76	[illegible]	[illegible]	24.[illegible]	[illegible]
13	5	[illegible]	76	7.[illegible]	[illegible]	25.51	[illegible]
14	5	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]
15	5	[illegible]	76	[illegible]	[illegible]	27.[illegible]	[illegible]
16	5	[illegible]	76	1[illegible].1	[illegible]	26.[illegible]	0.00
17	5	[illegible]	76	11.7	[illegible]1.5	[illegible]	[illegible]
18	5	[illegible]	76	[illegible].4	21[illegible].1	26.44	[illegible]
19	5	[illegible]	76	[illegible].4	[illegible]6.4	24.6[illegible]	[illegible]
20	5	[illegible]	76	[illegible]	242.[illegible]	14.13	[illegible]
21	5	[illegible]	76	[illegible]	[illegible]	15.[illegible]	[illegible]
22	5	[illegible]	76	[illegible]	[illegible]	11.4[illegible]	[illegible]
23	5	[illegible]	76	[illegible]	[illegible]	7.7[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	5.1	140.	5.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.	[illegible]	[illegible]	[illegible]
11	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	21.	[illegible]	[illegible]	[illegible]
1	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

          METEOROLOGICAL DATA
HR DY MO YR    [illegible] [illegible]   AT1      [illegible]
++ ++ ++ ++   +--------------------------------+

 0  7  8 76     6.5  231.7     7.1[illegible]    0.00

 1  7  8 76     4.1  155.[illegible]     6.59     0.00

 2  7  8 76     3.[illegible]  236.1     [illegible]    0.00

 3  7  8 76     3.7  238.3     3.69     0.00

 4  7  8 76     3.[illegible]  245.[illegible]     3.[illegible]1     0.00

 5  7  8 76     5.2  243.6     2.61     0.00

 6  7  8 76     5.5  246.6     3.65     0.00

 7  7  8 76     4.6  [illegible].3    14.11     0.00

 8  7  8 76     5.[illegible]   41.5    21.35     0.00

 9  7  8 76    13.[illegible]  21[illegible].[illegible]    25.75     0.00

10  7  8 76    21.[illegible]  227.     26.32     0.00

11  7  8 76    22.5  232.4    27.[illegible]     0.00

12  7  8 76    23.[illegible]  225.5    27.2[illegible]     0.00

13  7  8 76    22.[illegible]  235.[illegible]    28.39     0.00

14  7  8 76    20.7  217.3    28.93     0.00

15  7  8 76    27.[illegible]  227.4    29.59     0.00

16  7  8 76    24.[illegible]  22[illegible].1    29.67     0.00

17  7  8 76    17.[illegible]  167.2    28.[illegible]     0.00

18  7  8 76    21.9  192.6    24.5[illegible]     0.00

19  7  8 76    20.4  195.[illegible]    22.14     0.00

20  7  8 76    14.[illegible]  1[illegible].7    19.39     0.00

21  7  8 76     4.6  124.4    19.13     0.00

22  7  8 76    10.6  147.4    19.47     0.00

23  7  8 76     4.4  125.5    17.66     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  8  8 76      5.4  125.1   17.26     0.00

 1  8  8 76      2.2   70.3   15.74     0.00

 2  8  8 76      4.2   72.7   17.17     0.00

 3  8  8 76      5.1  195.4   17.41     0.00

 4  8  8 76      4.    92.8   15.37     0.00

 5  8  8 76      5.0  121.5   15.20     0.00

 6  8  8 76      4.1  223.7   12.96     0.00

 7  8  8 76      4.1  212.4   13.11     0.00

 8  8  8 76     14.4  215.5   21.57     0.00

 9  8  8 76     14.8  223.2   23.67     0.00

10  8  8 76     16.2  224.5   24.79     0.00

11  8  8 76     11.6  227.3   25.91     0.00

12  8  8 76     16.3  233.    24.15     0.00

13  8  8 76     16.8  218.2   25.16     0.00

14  8  8 76     19.   186.7   25.69     0.00

15  8  8 76     20.3  177.7   24.09     0.00

16  8  8 76     15.5  194.8   24.20     1.00

17  8  8 76     20.7  249.6   21.93     0.00

18  8  8 76     18.2  215.0   17.24     1.24

19  8  8 76      9.1  178.9   13.41     0.70

20  8  8 76      4.3  110.4   14.33     0.00

21  8  8 76      3.3  131.1   14.93     0.00

22  8  8 76      5.9  178.9   13.55     0.00

23  8  8 76      2.4  221.1   11.23     0.10
```

```
[illegible]

        [illegible] DATA
[illegible]
++ ++ ++ ++   +------------------------------+

 0  9 [illegible] 76   14.[illegible]  [illegible]   12.[illegible]   [illegible]
 1  9 [illegible] 76   [illegible]   [illegible].5   13.73   [illegible]
 2  9 [illegible] 76   [illegible]   1[illegible]   13.1[illegible]   [illegible]
 3  9 [illegible] 76    1.7  232.[illegible]   11.17   0.[illegible]
 4  9 [illegible] 76    2.[illegible]  213.[illegible]    9.[illegible]   [illegible]
 5  9 [illegible] 76    [illegible].1  241.4    [illegible].7[illegible]   [illegible]
 6  9 [illegible] 76    3.5  210.[illegible]    7.5[illegible]   [illegible]
 7  9 [illegible] 76    2.4  234.6   11.[illegible]7   0.00
 8  9 [illegible] 76    3.4  [illegible]2.6   16.[illegible]   [illegible]
 9  9 [illegible] 76    3.6  213.[illegible]   21.5[illegible]   0.[illegible]
10  9 [illegible] 76   14.[illegible]  [illegible]   23.1[illegible]   [illegible]
11  9 [illegible] 76   11.[illegible]  251.6   24.14   0.[illegible]
12  9 [illegible] 76   14.8  2[illegible].9   24.8[illegible]   [illegible]
13  9 [illegible] 76   16.0  21[illegible]   25.1[illegible]   0.[illegible]
14  9 [illegible] 76   15.4  226.2   24.35   [illegible]
15  9 [illegible] 76   13.4  232.1   25.16   0.00
16  9 [illegible] 76   1[illegible]  241.[illegible]   25.62   0.[illegible]
17  9 [illegible] 76   13.1  234.[illegible]   24.37   0.00
18  9 [illegible] 76   12.5  2[illegible]   23.7[illegible]   0.00
19  9 [illegible] 76    7.4  2[illegible]2.[illegible]   23.14   0.[illegible]
20  9 [illegible] 76    4.[illegible]  21[illegible]   18.04   0.00
21  9 [illegible] 76    4.7  217.1   14.47   0.0[illegible]
22  9 [illegible] 76    1.6  326.8   11.31   0.[illegible]
23  9 [illegible] 76    2.1  2[illegible].7   15.1[illegible]   0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10    PREC
++ ++ ++ ++   +-----------------------------+

 0 10  8 76      3.4  215.7   10.15    0.00

 1 10  8 76      4.7  240.0    8.29    0.00

 2 10  8 76      3.   24 .     7.13    0.00

 3 10  8 76      4.   247.5    5.67    0.00

 4 10  8 76      2.3  297.0    4.74    0.00

 5 10  8 76      3.1  213.0    4.56    0.00

 6 10  8 76      4.   245.3    4.74    0.

 7 10  8 76      1.3    5.6   11.92    0.00

 8 10  8 76      2.1  291.7   17.55    0.00

 9 10  8 76      4.6   43.3   19.55    0.00

10 10  8 76     11.7  242.3   24.25    0.00

11 10  8 76     13.6  235.7   24.53    0.00

12 10  8 76     15.1  223.2   25.75    0.00

13 10  8 76     11.1  234.5   25.67    0.00

14 10  8 76     20.0  241.5   25.14    0.00

15 10  8 76     14.1  240.1   25.03    0.00

16 10  8 76     13.0  280.7   23.17    0.00

17 10  8 76      7.6  193.0   17.65    0.07

18 10  8 76      6.5  271.4   19.81    0.01

19 10  8 76      7.2   4 .9   16.53    0.00

20 10  8 76      7.6    4.1   19.39    0.00

21 10  8 76      7.7  226.5   15.89    0.00

22 10  8 76      5.3  316.4   15.61    0.00

23 10  8 76      5.3  277.2   14.27    0.04
```

```
[illegible] OIL SANDS PROJECT   [illegible]

          [illegible] DATA
HR DY MO YR   [illegible]  [illegible]   [illegible]   PREC
** ** ** **   +------------------------------+

 0 11  8 76     4.[illegible]    11.[illegible]  12.9[illegible]   [illegible]

 1 11  8 76     3.6   3[illegible].4  12.1[illegible]   [illegible]

 2 11  8 76     7.[illegible]  15[illegible].    13.[illegible]5   [illegible]

 3 11  8 76     2.[illegible]   [illegible].7  12.41   [illegible]

 4 11  8 76     3.5  [illegible]34.4   9.[illegible]   [illegible]

 5 11  8 76     4.[illegible]  [illegible]   [illegible]   [illegible]

 6 11  8 76     4.4  [illegible].7    7.[illegible]   [illegible]

 7 11  8 76     2.2  [illegible]   11.5[illegible]   [illegible]

 8 11  8 76     [illegible]   [illegible]4.5  15.23   [illegible]

 9 11  8 76     4.[illegible]   [illegible]  20.11   [illegible]

10 11  8 76    12.[illegible]  1[illegible].7  2[illegible].67   0.00

11 11  8 76     [illegible]  [illegible]14.[illegible]  [illegible]3.75   0.00

12 11  8 76     [illegible].4  224.4  24.[illegible]4   [illegible]

13 11  8 76     [illegible].7  [illegible]  21.51   [illegible]

14 11  8 76     5.3  2[illegible].1  19.[illegible]7  999.[illegible]

15 11  8 76     6.5  3[illegible]4.7  22.3[illegible]   [illegible]

16 11  8 76    12.[illegible]  21[illegible].[illegible]  22.17   0.0[illegible]

17 11  8 76     [illegible]  187.1  20.41   0.0[illegible]

18 11  8 76     6.1   [illegible]9.[illegible]  17.75   0.01

19 11  8 76     3.9  2[illegible].7  17.59   0.0[illegible]

20 11  8 76     3.9  2[illegible].7  17.59   0.0[illegible]

21 11  8 76     3.9  2[illegible].7  17.59   0.00

22 11  8 76     3.9  2[illegible].7  17.59   0.0[illegible]

23 11  8 76     3.9  2[illegible].7  17.59   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR      WS10  WD10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

   12  8 76      3.9  280.7   17.59    0.00

 1 12  8 76      3.9  280.7   17.59    0.00

 2 12  8 76      3.9  280.7   17.59    0.00

 3 12  8 76      3.9  280.7   17.59    0.00

 4 12  8 76      3.9  280.7   17.59    0.00

 5 12  8 76      3.9  280.7   17.59    0.00

 6 12  8 76      3.9  280.7   17.59    0.00

 7 12  8 76      3.9  280.7   17.59    0.00

 8 12  8 76      3.9  280.7   17.59    0.00

 9 12  8 76      3.9  280.7   17.59    0.00

10 12  8 76      3.9  280.7   17.59    0.00

11 12  8 76      3.9  280.7   17.59    0.00

12 12  8 76      3.9  280.7   17.59    0.00

13 12  8 76      3.9  280.7   17.59    0.00

14 12  8 76      3.9  280.7   17.59    0.00

15 12  8 76      3.9  280.7   17.59    0.00

16 12  8 76      3.9  280.7   17.59    0.00

17 12  8 76      3.9  280.7   17.59    0.00

18 12  8 76      3.9  280.7   17.59    0.00

19 12  8 76      3.9  280.7   17.59    0.00

20 12  8 76      3.9  280.7   17.59    0.00

21 12  8 76      3.9  280.7   17.59    0.00

22 12  8 76      3.9  280.7   17.59    0.00

23 12  8 76      3.9  280.7   17.59    0.00
```

```
[illegible] DEL [illegible] PROJECT SITE [illegible]

              METEOROLOGICAL DATA
[illegible]        [illegible]   [illegible]   AT[illegible]      PRE[illegible]
** ** ** **   +-------------------------------+

 0 13 [illegible] 76    7.1  [illegible].7   17.59   0.00

 1 13 [illegible] 76    5.[illegible]  [illegible].7   17.59   0.00

 2 13 [illegible] 76    5.[illegible]  [illegible].7   17.59   0.[illegible]

 3 13 [illegible] 76    5.[illegible]  [illegible].7   17.59   0.[illegible]

 4 13 [illegible] 76    [illegible]  [illegible].7   17.59   0.[illegible]

 5 13 [illegible] 76    7.9  [illegible].[illegible]   17.59   0.[illegible]

 6 13 [illegible] 76    3.[illegible]  2[illegible].7   17.59   0.[illegible]

 7 13 [illegible] 76    3.[illegible]  [illegible].7   17.59   0.[illegible]

 8 13 [illegible] 76    7.[illegible]  [illegible].7   17.59   0.[illegible]

 9 13 [illegible] 76    7.[illegible]  [illegible].7   17.[illegible]   0.[illegible]

10 13 [illegible] 76    [illegible].2  1[illegible].   15.7[illegible]   0.[illegible]1

11 13 [illegible] 76    7.1   [illegible]4.7   19.[illegible]   0.[illegible]

12 13 [illegible] 76   11.2   74.[illegible]   22.59   0.[illegible]

13 13 [illegible] 76    8.1   [illegible]2.1   23.46   0.[illegible]

14 13 [illegible] 76    7.[illegible]    [illegible].1   20.46   0.00

15 13 [illegible] 76    7.[illegible]  1[illegible].3   22.51   0.[illegible]

16 13 [illegible] 76    3.[illegible]  212.7   25.[illegible]4   0.0[illegible]

17 13 [illegible] 76    [illegible]  19[illegible].[illegible]   25.61   0.[illegible]

18 13 [illegible] 76    [illegible].4  161.[illegible]   24.3[illegible]   0.[illegible]

19 13 [illegible] 76    2.4   3[illegible].1   22.[illegible]   0.[illegible]

20 13 [illegible] 76    [illegible]  247.7   16.59   0.00

21 13 [illegible] 76    3.7  231.4   14.53   0.0[illegible]

22 13 [illegible] 76    5.5  243.[illegible]   19.01   0.00

23 13 [illegible] 76    4.[illegible]  2[illegible].[illegible]    9.11   [illegible].00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

          METEOROLOGICAL DATA
HR DY MO YR      WS10  WD10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 14  8 76     4.4  236.0    7.41     0.00

 1 14  8 76     4.4  241.0    6.77     0.00

 2 14  8 76     4.2  244.1    5.67     0.00

 3 14  8 76     4.4  245.9    4.41     0.00

 4 14  8 76     3.7  249.3    3.15     0.00

 5 14  8 76     4.6  247.6    2.74     0.00

 6 14  8 76     4.6  256.2    3.73     0.00

 7 14  8 76     1.5  243.0    8.45     0.00

 8 14  8 76     3.1   66.0   15.57     0.00

 9 14  8 76     5.4   43.5   19.97     0.00

10 14  8 76     3.1   77.4   24.55     0.00

11 14  8 76    16.0  215.4   26.50     0.00

12 14  8 76    14.9  225.5   26.25     0.00

13 14  8 76    13.9  211.6   26.55     0.00

14 14  8 76    12.4  193.5   26.80     0.00

15 14  8 76    14.9  220.7   27.45     0.00

16 14  8 76    12.4  208.7   27.26     0.00

17 14  8 76    15.1  204.8   27.33     0.00

18 14  8 76    13.1  225.3   26.49     0.00

19 14  8 76     7.2  215.1   24.17     0.00

20 14  8 76     6.1  223.2   17.17     0.00

21 14  8 76     5.0  231.4   13.03     0.00

22 14  8 76     3.6  230.5   10.45     0.00

23 14  8 76     4.3  241.9    7.23     0.00
```

```
[illegible] PROJECT  SITE  [illegible]

          TSOR [illegible]
HR DY MO YR    [illegible]     [illegible]     [illegible]     [illegible]
++ ++ ++ ++   +-------------------------------------------+

 0 15  8 76   [illegible]  244.          6.67    [illegible]

 1 15  8 76   [illegible]  251.4         5.53     0.00

 2 15  8 76     5.         248.          7.42     0.00

 3 15  8 76     1.4        197.          7.78     0.

 4 15  8 76     2.4        [illegible]   9.44     0.00

 5 15  8 76     2.[illegible]  211.     10.52     0.00

 6 15  8 76     3.2        [illegible]  [illegible]  0.00

 7 15  8 76     3.1        232.         12.35     0.00

 8 15  8 76     9.1        188.        [illegible]  0.00

 9 15  8 76    15.1        [illegible]  [illegible].4  0.00

10 15  8 76    17.[illegible]  184.2    22.22     0.00

11 15  8 76   [illegible].4  207.[illegible]  23.77  0.

12 15  8 76    21.1        214.         24.14     .

13 15  8 76    22.[illegible]  219.[illegible]  24.55  0.00

14 15  8 76    24.2        197.8        25.39     0.00

15 15  8 76    19.3        192.4        25.36     0.00

16 15  8 76    20.1        219.8        25.07     0.00

17 15  8 76    22.2        212.1        24.92     0.00

18 15  8 76    17.3        219.3        24.67     0.00

19 15  8 76    12.3        226.9        22.71     0.00

20 15  8 76     7.1        226.0        18.59     0.00

21 15  8 76     3.2        222.7        15.96     0.00

22 15  8 76     3.3        252.4        11.96     0.00

23 15  8 76     3.2        255.[illegible]  [illegible].73  0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WD01      AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 16  8 76      3.7  236.3     9.46     0.00

 1 16  8 76      3.9  273.6     8.17     0.00

 2 16  8 76      3.2  259.2     8.7      0.00

 3 16  8 76      5.7  277.1     7.99     0.00

 4 16  8 76      2.6  298.7     7.42     0.00

 5 16  8 76      2.7  172.      6.14     0.00

 6 16  8 76      2.0  227.3     9.28     0.00

 7 16  8 76      2.3  279.4    11.80     0.00

 8 16  8 76      3.6  240.6    16.76     0.00

 9 16  8 76     12.   231.1    20.35     0.00

10 16  8 76     12.7  219.6    21.60     0.00

11 16  8 76     15.   220.9    22.50     0.00

12 16  8 76     14.4  203.6    23.76     0.00

13 16  8 76     15.3  230.6    24.65     0.00

14 16  8 76     14.7  195.9    25.54     0.00

15 16  8 76     14.4  213.0    26.16     0.00

16 16  8 76     14.3  213.1    26.07     0.00

17 16  8 76     14.6  199.1    26.06     0.00

18 16  8 76     17.3  217.1    25.62     0.00

19 16  8 76      9.0  219.2    23.94     0.00

20 16  8 76      3.9  229.7    17.01     0.00

21 16  8 76      3.1  234.9    13.53     0.00

22 16  8 76      3.2  249.2    11.45     0.00

23 16  8 76      2.7  245.2    10.72     0.00
```

```
[illegible]

           METEOROLOGICAL DATA
[illegible]
** ** ** **   +-------------------------------+

 0 17  8 76     4.7  145.6   11.72     [illegible]

 1 17  8 76     1.5  171.8   11.26     0.00

 2 17  8 76     2.   [illegible]4.[illegible]    9.26     [illegible]

 3 17  8 76     1.5  178.7   [illegible].92     0.[illegible]

 4 17  8 76     3.[illegible]  236.1    [illegible].94     [illegible]

 5 17  8 76     4.5  240.4    9.45     [illegible]

 6 17  8 76     5.[illegible]  245.[illegible]   1[illegible].15     [illegible]

 7 17  8 76     2.5  226.7   12.41     [illegible]

 8 17  8 76     3.1  231.1   15.98     0.0[illegible]

 9 17  8 76     3.4  144.7   22.[illegible]     [illegible]

10 17  8 76    13.1  197.1   23.[illegible]     0.00

11 17  8 76    15.3  235.1   24.39     0.00

12 17  8 76    14.0  212.[illegible]   25.14     0.00

13 17  8 76    14.4  215.0   25.[illegible]7     0.00

14 17  8 76    14.3  213.4   26.94     0.[illegible]

15 17  8 76    11.5  2[illegible]7.[illegible]   26.34     0.00

16 17  8 76    1[illegible].7  219.4   25.78     0.[illegible]

17 17  8 76    14.2  212.6   26.12     0.[illegible]

18 17  8 76    14.5  1[illegible]3.2   24.46     0.00

19 17  8 76    14.[illegible]  22[illegible].3   22.27     0.00

20 17  8 76    11.2  22[illegible].6   20.19     0.00

21 17  8 76     6.0  194.0   19.34     0.00

22 17  8 76     6.7  265.3   1[illegible].22     0.00

23 17  8 76     4.2  [illegible]2.5   14.9[illegible]     0.[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WD10    AT10     PREC
++ ++ ++ ++   +-------------------------------+

 0 18  8 76     2.7  136.1   14.00     0.01

 1 18  8 76     2.6  210.7   13.74     0.00

 2 18  8 76     4.   226.2   12.45     0.00

 3 18  8 76     2.7  223.5   10.42     0.00

 4 18  8 76     3.5  225.1    8.67     0.00

 5 18  8 76     3.4  241.1    7.56     0.00

 6 18  8 76     4.1  227.3    6.91     0.00

 7 18  8 76     1.7  212.8   11.42     0.00

 8 18  8 76     2.0   51.0   16.00     0.00

 9 18  8 76     3.7   57.3   18.77     0.00

10 18  8 76     9.1  226.7   21.65     0.00

11 18  8 76     7.4  193.7   22.57     0.00

12 18  8 76     4.1  263.2   23.51     0.00

13 18  8 76     7.7  235.0   23.93     0.00

14 18  8 76    12.   227.4   25.73     0.00

15 18  8 76    13.7  233.0   26.21     0.00

16 18  8 76    14.9  240.1   26.13     0.00

17 18  8 76    10.5  215.6   25.04     0.00

18 18  8 76    11.0  219.0   25.59     0.00

19 18  8 76     8.0  218.3   23.47     0.00

20 18  8 76     5.4  222.0   19.35     0.00

21 18  8 76     3.2  220.4   15.31     0.00

22 18  8 76     6.1  226.5   14.67     0.00

23 18  8 76     4.2  261.3   11.25     0.00
```

```
[illegible]

              METEOROLOGICAL DATA
HR DY MO YR    [illegible]  [illegible]  [illegible]  [illegible]
-- -- -- --   +--------------------------------+

 0 19 [illegible] 76    1.1  [illegible]   10.94   0.00

 1 19 [illegible] 76    [illegible]  [illegible]   [illegible]   0.00

 2 19 [illegible] 76    4.5  [illegible]   [illegible]   0.00

 3 19 [illegible] 76    4.7  [illegible]   7.26   0.00

 4 19 [illegible] 76    [illegible]  [illegible]   7.19   0.00

 5 19 [illegible] 76    3.4  244.5   [illegible]   0.00

 6 19 [illegible] 76    4.6  231.1   [illegible]   0.00

 7 19 [illegible] 76    1.2  [illegible]   13.[illegible]   0.00

 8 19 [illegible] 76    [illegible]  [illegible]   21.9[illegible]   0.00

 9 19 [illegible] 76   12.3  [illegible]   [illegible]3.53   0.00

10 19 [illegible] 76    [illegible]  [illegible]   24.65   0.00

11 19 [illegible] 76   11.5  [illegible]   25.[illegible]   0.00

12 19 [illegible] 76   13.2  231.[illegible]   26.39   0.00

13 19 [illegible] 76   13.[illegible]  [illegible]   26.19   0.00

14 19 [illegible] 76   12.0  24[illegible]   26.84   0.00

15 19 [illegible] 76   12.4  [illegible]   27.41   0.00

16 19 [illegible] 76   11.3  [illegible]   27.5[illegible]   0.00

17 19 [illegible] 76    6.2  247.4   27.59   0.00

18 19 [illegible] 76    4.7  241.4   27.[illegible]   0.00

19 19 [illegible] 76    4.6  [illegible]   24.31   0.00

20 19 [illegible] 76    5.9  [illegible]   21.7[illegible]   0.00

21 19 [illegible] 76    5.[illegible]  [illegible]3.5   1[illegible].78   0.00

22 19 [illegible] 76    5.2  24[illegible].6   12.31   0.00

23 19 [illegible] 76    4.7  24[illegible].4   1[illegible].57   0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS1     WD10    AT10      PREC
++  ++  ++  ++    +-----------------------------------+

 0  20   8  76     4.5   241.1     9.26      0.00

 1  20   8  76     3.5   245.3     9.01      0.00

 2  20   8  76     2.4   224.0     8.47      0.00

 3  20   8  76     2.9   212.4     8.75      0.00

 4  20   8  76     2.7   225.9     7.69      0.00

 5  20   8  76     2.9   207.1     7.72      0.00

 6  20   8  76     3.7   258.2     7.97      0.00

 7  20   8  76     1.7   210.6    10.39      0.00

 8  20   8  76     2.1   [illegible]    19.0[illegible]     0.00

 9  20   8  76     5.4   156.2    22.19      0.00

10  20   8  76     7.5   215.3    24.53      0.00

11  20   8  76     6.5   232.3    25.55      0.00

12  20   8  76     4.7   216.1    26.23      0.00

13  20   8  76     7.3   157.5    25.51      0.00

14  20   8  76    12.4    50.3    22.53      0.[illegible]

15  20   8  76     4.8   313.5    25.80      0.01

16  20   8  76    10.   193.3    26.51      0.00

17  20   8  76    11.0   187.1    26.13      0.00

18  20   8  76     8.3   193.[illegible]    25.92      0.00

19  20   8  76     3.9   206.7    23.68      0.00

20  20   8  76     9.1   222.6    20.96      0.00

21  20   8  76     3.2   218.5    15.86      0.00

22  20   8  76     4.2   255.4    12.70      0.00

23  20   8  76     4.6   244.6    10.68      0.00
```

```
[illegible] OIL SHALE PROJECT  SITE  FOUR

        METEOROLOGICAL DATA
[illegible]        [illegible]  [illegible]   ?T1    [illegible]
** ** ** **   +-------------------------------+

 0 21  8 76   [illegible]  [illegible]  10.64   [illegible]

 1 21  8 76   [illegible]  259.1   [illegible].13   0.[illegible]

 2 21  8 76   2.5  228.7   7.39   0.[illegible]

 3 21  8 76   2.5  238.[illegible]   6.8[illegible]   0.[illegible]

 4 21  8 76   2.5  230.9   6.24   0.10

 5 21  8 76   4.1  258.6   6.15   0.[illegible]

 6 21  8 76   4.5  246.9   5.43   0.00

 7 21  8 76   2.[illegible]  [illegible].3  10.02   0.10

 8 21  8 76   1.[illegible]  246.4  17.92   0.0[illegible]

 9 21  8 76   3.1   24.1  22.75   0.0[illegible]

10 21  8 76   4.5   1[illegible].4  25.33   0.[illegible]

11 21  8 76   4.2   44.4  27.56   0.00

12 21  8 76   2.1  [illegible]1.5  27.44   [illegible]

13 21  8 76   4.[illegible]  2[illegible].6  28.77   0.[illegible]

14 21  8 76   2.5  2[illegible].[illegible]  28.12   [illegible]

15 21  8 76   7.0  2[illegible].9  29.01   0.00

16 21  8 76   3.2  2[illegible]4.4  29.83   0.0[illegible]

17 21  8 76   7.3   85.6  25.29   0.04

18 21  8 76   4.6  113.9  28.37   0.00

19 21  8 76   2.[illegible]   26.4  26.01   0.00

20 21  8 76   6.3  220.7  21.29   0.00

21 21  8 76   4.6  227.1  17.32   0.00

22 21  8 76   4.5  225.5  15.23   0.00

23 21  8 76   3.7  236.6  12.82   0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
 HR  DY  MO  YR    WS10  WD10    AT10     PREC
 ++  ++  ++  ++   +------------------------------+

  0  22   8  76     3.7  263.8   11.43     0.00

  1  22   8  76     3.0  229.1   10.91     0.00

  2  22   8  76     4.1  245.9    7.8[illegible]     0.00

  3  22   8  76     4.7  241.7    7.34     0.00

  4  22   8  76     5.1  243.1    7.56     0.00

  5  22   8  76     2.3  259.6    6.17     0.00

  6  22   8  76     4.4  237.2    5.22     0.00

  7  22   8  76     2.8  234.[illegible]   11.12     0.00

  8  22   8  76     2.1  1[illegible]5.5   17.72     0.00

  9  22   8  76     4.[illegible]   43.[illegible]   21.70     0.00

 10  22   8  76     7.1   47.4   27.01     0.00

 11  22   8  76     5.4  157.1   29.04     0.00

 12  22   8  76     8.6  190.4   29.[illegible]     0.00

 13  22   8  76    11.3  326.9   26.[illegible]     0.00

 14  22   8  76     5.7  341.0   27.47     0.00

 15  22   8  76     6.[illegible]   23.9   26.52     0.00

 16  22   8  76     7.[illegible]   51.2   23.33     0.02

 17  22   8  76     4.7  150.4   24.36     0.01

 18  22   8  76     9.[illegible]  124.7   19.11     0.20

 19  22   8  76     4.1  118.2   17.70     0.04

 20  22   8  76     2.7  117.6   17.18     0.01

 21  22   8  76     3.9  220.3   15.13     0.00

 22  22   8  76     2.[illegible]  240.6   12.9[illegible]     0.00

 23  22   8  76     3.4  242.2   12.47     0.00
```

```
[illegible]

            [illegible]
[illegible]
** ** ** **   +-------------------------------+

 0 23  8 76     3.4  [illegible]   12.35   [illegible]
 1 23  8 76     2.[illegible]  [illegible]   12.[illegible]   [illegible]
 2 23  8 76     [illegible]  223.9   12.44   [illegible]
 3 23  8 76     4.6  [illegible]   14.[illegible]   [illegible]
 4 23  8 76     [illegible]  2[illegible].4   14.07   [illegible]
 5 23  8 76     6.4  [illegible]   13.40   [illegible]
 6 23  8 76     7.1  [illegible]   13.14   [illegible]
 7 23  8 76     3.4  223.[illegible]   14.76   [illegible]
 8 23  8 76     5.[illegible]  [illegible]   [illegible]   [illegible]
 9 23  8 76    12.[illegible]  [illegible]   23.1[illegible]   [illegible]
10 23  8 76    11.7  [illegible]   23.75   [illegible]
11 23  8 76    13.[illegible]  [illegible]   24.9[illegible]   [illegible]
12 23  8 76    11.[illegible]  314.[illegible]   23.95   [illegible]
13 23  8 76    12.[illegible]  [illegible]   24.37   [illegible]
14 23  8 76    11.5  [illegible]   25.45   [illegible]
15 23  8 76    14.1  252.[illegible]   25.[illegible]   [illegible]
16 23  8 76    11.[illegible]  254.[illegible]   26.[illegible]   [illegible]
17 23  8 76     9.[illegible]  216.[illegible]   26.59   0.00
18 23  8 76     [illegible]  [illegible]   25.[illegible]   [illegible]
19 23  8 76     3.2  [illegible]   23.99   0.00
20 23  8 76     [illegible]  227.3   17.49   0.00
21 23  8 76     4.[illegible]  [illegible]   16.3[illegible]   0.00
22 23  8 76     4.[illegible]  241.[illegible]   12.46   0.00
23 23  8 76     [illegible]  [illegible]   1[illegible].46   0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WD10    AT10     PREC
++  ++  ++  ++    +----------------------------+

 0  24   8  76      4.5  234.2   10.03     0.00

 1  24   8  76      4.0  224.9    9.74     0.00

 2  24   8  76      3.5  241.5    7.92     0.00

 3  24   8  76      3.5  233.4    6.20     0.00

 4  24   8  76      4.0  236.5    5.74     0.00

 5  24   8  76      3.0  241.0    5.64     0.00

 6  24   8  76      4.0  231.5    5.23     0.00

 7  24   8  76      2.4  245.7    9.24     0.00

 8  24   8  76      2.2  129.0   16.50     0.00

 9  24   8  76      3.6   81.3   19.23     0.00

10  24   8  76      6.6   51.7   19.94     0.00

11  24   8  76      4.4  320.9   22.21     0.00

12  24   8  76      5.8   50.6   23.19     0.00

13  24   8  76      7.1   72.9   24.65     0.00

14  24   8  76      4.0  314.4   26.37     0.00

15  24   8  76      7.0  294.6   27.07     0.00

16  24   8  76      6.0   32.8   27.17     0.00

17  24   8  76      7.3   39.9   27.17     0.00

18  24   8  76      6.1   31.0   26.45     0.00

19  24   8  76      3.6   50.6   23.71     0.00

20  24   8  76      5.4  237.0   14.20     0.00

21  24   8  76      4.2  225.3   13.89     0.00

22  24   8  76      6.2  229.2   13.33     0.00

23  24   8  76      4.5  236.0    9.72     0.00
```

```
[illegible] PROJECT SITE [illegible]

        [illegible] DATA
[illegible]
** ** ** **   +------------------------------+

 1 25 [illegible] 76     4.1  [illegible]    9.24  [illegible]
 2 25 [illegible] 76   [illegible]  [illegible]  [illegible]  [illegible]
 3 25 [illegible] 76     3.5  [illegible]    4.04  [illegible]
 4 25 [illegible] 76     4.5  [illegible]    3.56  0.00
 5 25 [illegible] 76     3.8  234.4    2.9[illegible]  [illegible]
 6 25 [illegible] 76     4.6  24[illegible].4    2.0[illegible]  0.0[illegible]
 7 25 [illegible] 76     4.2  [illegible].1    3.25  [illegible]
 8 25 [illegible] 76     1.7  35[illegible].1    3.36  0.00
 9 25 [illegible] 76     3.6  [illegible]1.[illegible]   15.4[illegible]  [illegible]
10 25 [illegible] 76     2.[illegible]  [illegible]   2[illegible].72  [illegible]
11 25 [illegible] 76     5.[illegible]  [illegible]5.1   27.26  0.0[illegible]
12 25 [illegible] 76     4.7  319.2   27.33  [illegible]
13 25 [illegible] 76     8.4  263.2   27.84  0.00
14 25 [illegible] 76     5.5  335.5   23.95  0.00
15 25 [illegible] 76     7.7  235.6   27.62  0.0[illegible]
16 25 [illegible] 76    11.1  275.4   27.4   0.[illegible]
17 25 [illegible] 76     4.9  2[illegible]9.1   28.21  0.00
18 25 [illegible] 76     7.8  254.4   28.4   0.0[illegible]
19 25 [illegible] 76     [illegible]  2[illegible]   23.73  0.00
20 25 [illegible] 76     4.6  [illegible]   17.97  0.00
21 25 [illegible] 76     3.7  216.[illegible]   16.43  0.01
22 25 [illegible] 76     [illegible]  225.1   13.36  0.0[illegible]
23 25 [illegible] 76     [illegible]  [illegible]    [illegible].6[illegible]  0.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR  DY  MO  YR     WS10  WD10    AT10     PREC
++  ++  ++  ++    +-------------------------------+

 0  26   8  76      2.5  232.3     7.07    0.00

 1  26   8  76      4.0  237.1     8.12    0.00

 2  26   8  76      2.4  258.9     7.66    0.00

 3  26   8  76      4.2  241.6     7.55    0.00

 4  26   8  76      5.4  237.9     7.97    0.00

 5  26   8  76      2.1  215.0     8.26    0.00

 6  26   8  76      2.0  235.4     9.35    0.00

 7  26   8  76      3.2  156.6    11.89    0.00

 8  26   8  76      2.4  [illegible]    [illegible]    0.00

 9  26   8  76     11.7  216.9    25.55    0.00

10  26   8  76     14.2  221.2    26.81    0.00

11  26   8  76     17.5  230.1    26.79    0.00

12  26   8  76     13.4  270.2    22.04    0.00

13  26   8  76     15.2  221.5    [illegible]    0.00

14  26   8  76     21.5  220.0    27.56    0.00

15  26   8  76     20.2  [illegible]    23.24    0.00

16  26   8  76     19.7  221.4    26.67    0.00

17  26   8  76     11.2  254.6    27.09    0.00

18  26   8  76      8.3  316.2    18.01    0.00

19  26   8  76      6.7   59.9    14.77    0.00

20  26   8  76      5.6  142.2    14.14    0.00

21  26   8  76      3.4  277.4    13.73    0.00

22  26   8  76      2.1   71.7    11.80    0.00

23  26   8  76      5.5  232.5    10.62    0.00
```

```
[illegible]

          [illegible] DATA
[illegible]
**  **  **  **     +------------------------------------+

 0 27  8 76    3.8  [illegible]   [illegible]   0.[illegible]

 1 27  8 76    1.1  [illegible].7   [illegible].45   [illegible]

 2 27  8 76    1.1  [illegible]    6.31   [illegible]

 3 27  8 76    1.5  [illegible]    5.[illegible]   [illegible]

 4 27  8 76    2.6  235.3   [illegible].59   [illegible]

 5 27  8 76    3.5  [illegible]    2.6[illegible]   [illegible]

 6 27  8 76    4.0  246.4    4.[illegible]   [illegible]

 7 27  8 76    7.1  [illegible]   [illegible].85   [illegible]

 8 27  8 76    2.5  [illegible]   1[illegible]   [illegible]

 9 27  8 76    3.[illegible]  1[illegible]   1[illegible].93   [illegible]

10 27  8 76    5.[illegible]   [illegible]7.1   15.4[illegible]   [illegible]

11 27  8 76    4.9   [illegible].1   17.41   [illegible]

12 27  8 76    5.[illegible]   1[illegible]   1[illegible].94   [illegible]

13 27  8 76    4.5  335.5   [illegible]   [illegible]

14 27  8 76    7.[illegible]  [illegible].5   22.[illegible]3   [illegible]

15 27  8 76    5.[illegible]  34[illegible]   23.[illegible]   0.[illegible]

16 27  8 76    7.[illegible]   45.[illegible]   23.23   [illegible]

17 27  8 76   10.4   [illegible]   23.0[illegible]   [illegible]

18 27  8 76    [illegible]   [illegible]   22.39   0.0[illegible]

19 27  8 76    4.5   [illegible].3   19.5[illegible]   0.0[illegible]

20 27  8 76    [illegible]  234.[illegible]   1[illegible].51   0.0[illegible]

21 27  8 76    4.[illegible]  22[illegible].4   11.49   0.0[illegible]

22 27  8 76    4.[illegible]  2[illegible]    8.59   0.0[illegible]

23 27  8 76    [illegible]   [illegible]    6.66   0.0[illegible]
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0 28  8 76      4.1  248.9     4.84      0.00

 1 28  8 76      4.2  244.4     2.86      0.00

 2 28  8 76      3.6  242.4     1.58      0.00

 3 28  8 76      3.3  236.6     1.76      0.00

 4 28  8 76      3.1  221.8    -0.01      0.00

 5 28  8 76      3.1  223.3    -0.32      0.00

 6 28  8 76      3.5  245.4    -1.00      0.00

 7 28  8 76      1.5  233.3     4.50      0.00

 8 28  8 76      2.4  111.9    12.94      0.00

 9 28  8 76      3.5   69.5    16.55      0.00

10 28  8 76      3.8   51.1    19.37      0.00

11 28  8 76      5.4   71.6    21.57      0.00

12 28  8 76      6.9   47.4    24.31      0.00

13 28  8 76      3.9   63.5    24.93      0.00

14 28  8 76      9.3   25.7    26.11      0.00

15 28  8 76      8.5   54.6    26.93      0.00

16 28  8 76      7.6   33.9    27.38      0.00

17 28  8 76      6.6   31.7    27.53      0.00

18 28  8 76      6.4   13.8    26.85      0.00

19 28  8 76      2.6  233.4    22.06      0.00

20 28  8 76      5.9  214.3    15.63      0.00

21 28  8 76      4.9  237.1    11.36      0.00

22 28  8 76      6.5  226.6    11.54      0.00

23 28  8 76      4.4  243.6     8.70      0.00
```

```
[illegible] PROJECT [illegible]

            [illegible]
[illegible]
** ** ** **    +-----------------------------------+

[illegible]     [illegible]  [illegible]    [illegible]    [illegible]
[illegible]     4.3  212.5    4.15    [illegible]
[illegible]     4.[illegible]  [illegible]    [illegible]    [illegible]
[illegible]     [illegible]  [illegible]    [illegible]    [illegible]
[illegible]     3.5  [illegible]    2.35    [illegible]
[illegible]     2.7  234.[illegible]    1.[illegible]    [illegible]
[illegible]     4.3  247.2    1.[illegible]3    [illegible]
 7 [illegible]     1.7  [illegible]    7.[illegible]4    [illegible]
[illegible]     3.6  [illegible]    [illegible]    [illegible]
[illegible]     [illegible]  [illegible]    1[illegible].76    [illegible]
[illegible]     [illegible]  [illegible]    24.5[illegible]    [illegible]
[illegible]     4.2  [illegible]    [illegible]    [illegible]
12 [illegible]     [illegible]  [illegible]    27.9[illegible]    [illegible]
[illegible]     [illegible]  [illegible]    [illegible].57    [illegible]
14 [illegible]     [illegible]  47.[illegible]    27.[illegible]    [illegible]
[illegible]     11.4  [illegible]    28.33    [illegible]
[illegible] 29 [illegible]     [illegible].3  233.3    27.59    [illegible]
17 [illegible]     [illegible]  [illegible]    2[illegible].61    [illegible]
[illegible]     7.1  [illegible]    2[illegible].4[illegible]    [illegible]
[illegible]     [illegible]  [illegible]    [illegible]3.56    [illegible]
[illegible]     [illegible]  [illegible]15.[illegible]    16.6[illegible]    [illegible]
[illegible]     [illegible]  [illegible]    15.40    0.[illegible]
[illegible]     [illegible]  [illegible]    11.92    [illegible]
[illegible]     [illegible]  [illegible]    [illegible]    [illegible]
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
 HR  DY  MO  YR     WS10  [illegible]   AT10     [illegible]
 ++  ++  ++  ++    +--------------------------------+

  0  30   8  76      6.2   212.9   14.86     0.00

  1  30   8  76      2.5   272.5   12.01     0.00

  2  30   8  76      3.0   273.6   10.55     0.00

  3  30   8  76      4.2   237.5    6.44     0.00

  4  30   8  76      3.9   255.1    5.62     0.00

  5  30   8  76      3.0   240.4    4.83     0.00

  6  30   8  76      2.7   228.4    4.30     0.00

  7  30   8  76      2.2   224.5    3.05     0.00

  8  30   8  76      5.2    55.5   15.70     0.00

  9  30   8  76      6.7    51.6   16.42     0.00

 10  30   8  76      5.9    5[illegible].3   22.41     0.00

 11  30   8  76      3.7    42.6   26.24     0.00

 12  30   8  76      6.4    47.1   27.49     0.00

 13  30   8  76      7.6   336.3   28.40     0.00

 14  30   8  76      9.9   302.1   29.35     0.00

 15  30   8  76     12.7    12.5   27.16     0.00

 16  30   8  76     11.3   288.1   27.42     0.00

 17  30   8  76     10.2   297.6   27.66     0.00

 18  30   8  76      6.9   245.2   25.59     0.00

 19  30   8  76      2.3   232.3   22.45     0.00

 20  30   8  76     17.2   349.1   21.91     0.00

 21  30   8  76      4.5   340.5   20.23     0.00

 22  30   8  76      3.9   262.3   17.52     0.00

 23  30   8  76      4.1   241.0   13.4[illegible]     0.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE [illegible]

        METEOROLOGICAL DATA
DA MO DY YR    WST    WDIR    ATMP     PREC
** ** ** **  +--------------------------------+

 1 11  ? 76    14.6   23?.?   10.31    0.00

 2 11  ? 76     5.?   240.?    6.3?    0.00

 3 11  ? 76     ?.    245.?    3.4?    0.00

 4 11  ? 76     5.8   235.?    3.65    0.00

 5 11  ? 76     5.0   237.1    6.25    0.00

 6 11  ? 76     3.4   24?.?    4.0?    0.00

 7 11  ? 76     3.1   247.?    ?.21    0.00

 8 11  ? 76     1.?   243.5    ?.27    0.00

 9 11  ? 76     2.2   122.7   15.95    0.00

10 11  ? 76     5.7    ??.1   17.1?    0.00

11 11  ? 76     5.9    ??.?   19.41    0.00

12 11  ? 76     ?.?    4?.?   21.0?    0.00

13 11  ? 76    11.?    3?.?   23.??    0.00

14 11  ? 76    12.?    1?.5   23.?0    0.00

15 11  ? 76    12.1    35.4   24.22    0.00

16 11  ? 76    12.?    35.5   24.77    0.00

17 11  ? 76    13.?    34.7   24.55    0.00

18 11  ? 76    15.6    36.7   24.44    0.00

19 11  ? 76    17.4    27.4   23.74    0.00

20 11  ? 76    1?.?    27.7   22.17    0.00

21 11  ? 76     2.4    19.4   18.74    0.00

22 11  ? 76     5.?   232.5    9.67    0.00

23 11  ? 76     5.1   245.?    7.67    0.00

24 11  ? 76     5.?   24?.?    7.??    0.00
```

SECTION B.2

METEOROLOGICAL COMPOSITE DAY (HOURLY) SUMMARIES
SUMMER 1976

Section		Page
B.2.1	Data for Site 1	B.2.1-1 to B.2.1-37
B.2.2	Data for Site 2	B.2.2-1 to B.2.2-9
B.2.3	Data for Site 3	B.2.3-1 to B.2.3-9
B.2.4	Data for Site 4	B.2.4-1 to B.2.4-9

B.2.1

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES FOR SITE 1
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
WS30	Wind Speed at the 30-m level (mph)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
DT60	Temperature Difference between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)

```
          [illegible]   COMPOSITE DAY SUMMARY

     WIND [illegible] : SITE 1  FOR [illegible]   -   [illegible]
HOUR OF DAY          MINIMUM      MEAN        MAXIMUM

      1              1.73         [illegible] 13.62

      2              1.55         6.21        12.46

      3              1.44         [illegible] 13.[illegible]

      4              1.27         [illegible] [illegible]

      5              1.[illegible] 6.75       15.54

      6              1.41         6.21        16.[illegible]

      7              1.74         4.64        [illegible]

      8              1.[illegible] 5.32       14.[illegible]

      9              2.2[illegible] [illegible] [illegible]

     10              3.73         [illegible] [illegible]

     11              [illegible]  11.2[illegible] 20.42

     12              [illegible]  11.44       [illegible]

     13              4.77         11.[illegible] [illegible]

     14              5.75         12.[illegible] [illegible]

     15              [illegible]  13.37       21.[illegible]

     16              [illegible]  12.[illegible] 24.[illegible]

     17              [illegible]  11.16       21.47

     18              4.5[illegible] 10.75     [illegible]

     19              [illegible]  11.[illegible] 23.[illegible]

     20              [illegible]  [illegible] [illegible]

     21              [illegible]  7.4[illegible] 15.[illegible]

     22              2.62         [illegible] 13.56

     23              2.76         7.79        13.45

     24              2.5[illegible] 7.43      11.[illegible]

  SUMMARY            1.27         [illegible] 24.5[illegible]
```

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	12.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	12.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.71	[illegible]
[illegible]	[illegible]	11.44	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.71	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	15.21	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	21.11
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] COMPOSITE DAY SUMMARY

REL. HUMIDITY 1 - : SITE 1 [illegible] / 1/7[illegible] - [illegible]/[illegible]/7[illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	[illegible]	[illegible]	[illegible]
2	1[illegible]	32.44	[illegible]
3	[illegible]	[illegible]	[illegible]
4	[illegible]	31.7[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]
6	[illegible]	3[illegible].51	[illegible]
7	[illegible]	31.4	[illegible]
8	[illegible]	27.7[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]
10	17.2[illegible]	26.23	[illegible]
11	1[illegible].4[illegible]	25.1[illegible]	[illegible]
12	[illegible]	23.4[illegible]	[illegible]
13	[illegible]	2[illegible].45	[illegible]
14	[illegible]	2[illegible].27	[illegible]
15	10.87	[illegible].44	[illegible]
16	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]
18	13.41	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]
20	15.83	25.[illegible]	[illegible]
21	[illegible]	[illegible]	7[illegible].2
22	[illegible]	3[illegible].[illegible]4	[illegible]
23	[illegible]	32.23	7[illegible].45
24	1[illegible]	32.3[illegible]	[illegible]
SUMMARY	14.[illegible]	27.2	[illegible]

[illegible]

[illegible] 6/31/[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible].47	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	19.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].11	14.6[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].[illegible]1
11	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible].87
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	14.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	14.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.3[illegible]	[illegible]
[illegible]	[illegible]	11.[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible].[illegible]1
[illegible]	[illegible]	[illegible]	21.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] COMPOSITE DAY SUMMARY

WIND SPEED [illegible] SITE 1 [illegible] / 1/7[illegible] - [illegible]/3 /7[illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.[illegible]1	[illegible]	13.1
2	1.11	6.[illegible]	15.[illegible]
3	1.35	[illegible].1	13.[illegible]
4	1.4[illegible]	7.37	23.[illegible]
5	[illegible]	7.[illegible]	1[illegible]
6	1.34	[illegible]	13.[illegible]
7	1.7[illegible]	[illegible]	12.[illegible]1
8	1.5[illegible]	[illegible].45	17.[illegible]
9	3.14	1[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]
11	[illegible]	1[illegible]	[illegible]5.74
12	[illegible]	13.[illegible]	[illegible]
13	[illegible]	14.[illegible]	[illegible]3.[illegible]
14	[illegible]	15.[illegible]	25.45
15	[illegible].51	15.[illegible]	25.[illegible]
16	[illegible].37	14.21	[illegible]
17	[illegible]	13.1[illegible]	[illegible]
18	[illegible].37	12.[illegible]7	[illegible]
19	[illegible]	13.21	[illegible]
20	[illegible].22	1[illegible]	23.4[illegible]
21	[illegible].1	[illegible].43	19.[illegible]5
22	3.57	[illegible].76	21.[illegible]7
23	3.13	[illegible].34	17.72
24	2.[illegible]	[illegible]	14.[illegible]
SUMMARY	[illegible].11	1[illegible].3[illegible]	[illegible]

1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	13.04	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	-1.93	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
11	1.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	12.09	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] COMPOSITE DAY SUMMARY

WIND SPEED [illegible] 1 [illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	[illegible]	[illegible]	[illegible]
2	[illegible]	.71	[illegible]
3	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]
7	1.21	[illegible]	[illegible]
8	[illegible]	7.54	[illegible]
9	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]
12	[illegible]	15.54	[illegible]
13	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]
18	[illegible]	14.55	[illegible]
19	4.37	13.13	[illegible]
20	3.44	13.51	[illegible]
21	[illegible]	11.99	25.52
22	2.55	11.36	27.11
23	3.86	11.62	21.42
24	[illegible]	11.13	[illegible]
SUMMARY	1.21	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	MEAN	[illegible]
1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	.12
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	.77	[illegible]
11	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]
17	[illegible]	.75	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	.51
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] CSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION: STEP 1 FOR [illegible] / 1/[illegible] - 5/[illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	[illegible]	[illegible]	0.01
2	[illegible]	[illegible]	0.01
3	[illegible]	[illegible]	0.01
4	[illegible]	[illegible]	0.01
5	[illegible]	[illegible]	0.01
6	[illegible]	0.01	[illegible]
7	0.01	0.12	[illegible]
8	[illegible]	[illegible]	0.4[illegible]
9	0.04	[illegible]	[illegible]
10	[illegible]	[illegible]	1.[illegible]
11	0.2[illegible]	1.14	1.54
12	0.4[illegible]	1.[illegible]	1.5[illegible]
13	[illegible]	1.43	1.[illegible]
14	[illegible]	1.32	1.[illegible]
15	[illegible]	1.[illegible]	1.[illegible]
16	0.7[illegible]	1.[illegible]	1.[illegible]
17	0.41	[illegible]	1.1[illegible]
18	0.14	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]
20	[illegible]	0.1[illegible]	[illegible]
21	0.01	0.04	0.[illegible]
22	0.01	0.01	0.01
23	[illegible]	0.01	0.01
24	[illegible]	[illegible]	0.01
SUMMARY	[illegible]	[illegible]	1.[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible] DAY SUMMARY

AIR TEMPERATURE [illegible] SITE 1 FROM 7/ 1/[illegible] - 7/31/[illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	11.[illegible]	1[illegible].1[illegible]	2[illegible]
2	1[illegible]	[illegible]	[illegible]
3	1[illegible]	[illegible]	[illegible]
4	1[illegible]	17.7[illegible]	[illegible]
5	12.[illegible]	1[illegible]	[illegible]
6	12.[illegible]	[illegible]	[illegible]
7	12.[illegible]	17.17	22.1[illegible]
8	1[illegible]	1[illegible].5[illegible]	[illegible]
9	1[illegible]	[illegible]	24.[illegible]
10	12.[illegible]	[illegible]1.5[illegible]	[illegible]
11	1[illegible]	2[illegible]	[illegible]7.7
12	1[illegible]	23.[illegible]	[illegible]
13	1[illegible]	24.[illegible]	[illegible]
14	1[illegible]	24.73	[illegible]
15	1[illegible].4[illegible]	24.4[illegible]	[illegible]
16	1[illegible].35	24.37	[illegible]
17	1[illegible]	24.37	[illegible]
18	1[illegible].1[illegible]	24.4[illegible]	[illegible]
19	14.11	24.1	[illegible]
20	14.[illegible]	2[illegible]	[illegible]
21	1[illegible]	[illegible]	[illegible]
22	12.[illegible]	2[illegible].1[illegible]	2[illegible]
23	12.14	19.4[illegible]	23.[illegible]
24	1[illegible].4[illegible]	1[illegible]	23.[illegible]
SUMMARY	11.[illegible]	21.[illegible]	[illegible]

[illegible]

[illegible] 1/75 [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
1	16.[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]
7	16.[illegible]	[illegible]	[illegible]
8	15.[illegible]	[illegible]	50.[illegible]
9	14.[illegible]	[illegible]	45.[illegible]
10	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]
13	[illegible]	17.[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]
16	[illegible]	17.7	[illegible]
17	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]
19	[illegible]	17.52	[illegible]
20	[illegible]	17.[illegible]	[illegible]
21	[illegible]	21.51	[illegible]
22	[illegible]	21.[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	73.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible] 10-M: SITE 1 FROM [illegible] - [illegible]

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	[illegible]	[illegible]	[illegible]
2	[illegible]	13.45	[illegible]
3	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]
9	5.75	[illegible]	[illegible]
10	[illegible]	[illegible]	23.94
11	[illegible]	17.53	[illegible]
12	[illegible]	21.31	[illegible]
13	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]
15	.51	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]
18	[illegible]	12.94	[illegible]
19	[illegible]	11.92	[illegible]
20	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]
22	2.54	9.43	[illegible]
23	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]
SUMMARY	1.91	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.7	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	11.74
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	11.15	[illegible]
[illegible]	[illegible]	11.42	[illegible]
17	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	19.91
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	10.02	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	9.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

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              GROUP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE (C-): SITE 1  FOR   7/ 1/[illegible]  -   7/31/[illegible]
HOUR OF DAY          MINIMUM        MEAN         MAXIMUM

      1                11.35         18.84         26.14

      2                11.74         18.[illegible]         23.51

      3                13.31         18.57         22.[illegible]

      4                12.65         17.77         22.[illegible]

      5                11.16         17.14         21.

      6                11.04         16.63         21.[illegible]

      7                11.26         17.55         22.14

      8                14.[illegible]          18.03         24.1[illegible]

      9                15.91         20.1          24.44

     10                17.14         21.51         25.[illegible]

     11                1[illegible].[illegible]           22.53         27.14

     12                19.05         23.45         27.[illegible]

     13                19.51         23.72         27.16

     14                19.22         24.24         29.[illegible]

     15                17.93         23.97         27.5[illegible]

     16                13.15         23.91         27.57

     17                16.52         24.05         27.11

     18                14.22         24.25         23.5

     19                15.76         24.11         29.[illegible]

     20                14.01         23.73         27.[illegible]

     21                13.57         21.51         25.2[illegible]

     22                12.74         20.67         24.76

     23                11.94         19.36         24.17

     24                11.3[illegible]         19.45         24.5[illegible]


   SUMMARY             11.[illegible]6         21.11         2[illegible].
```

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.47	[illegible]
[illegible]	[illegible]	9.67	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4.13	11.21	[illegible]
[illegible]	4.11	[illegible]	[illegible]
[illegible]	4.91	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

```
          [illegible]     COMPOSITE DAY SUMMARY

     DELTA TEMP. 10-60M SITE 1   FOR   7/ 1/[illegible]  -   7/31/[illegible]
HOUR OF DAY           MINIMUM        MEAN       MAXIMUM

       1               -1.[illegible]      -[illegible].3[illegible]       4.1[illegible]

       2               -1.3[illegible]      -[illegible].4[illegible]       [illegible]

       3               -1.59        -[illegible].4[illegible]      0.27

       4               -1.[illegible]      -[illegible].3[illegible]       [illegible]

       5               -[illegible].5[illegible]      -[illegible].54       [illegible]

       6               -1.[illegible]      -0.3[illegible]       [illegible]

       7               -1.41        -[illegible].1[illegible]       [illegible]

       8               -[illegible].4[illegible]      0.7[illegible]       [illegible].4[illegible]

       9               0.34         .61        [illegible]

      10                .59         .7[illegible]       1.[illegible]

      11                .5[illegible]         .[illegible]       1.17

      12               0.57         [illegible].37       1.34

      13                .65        1.13       2.[illegible]

      14               0.65         [illegible].95       1.[illegible]

      15               -1.[illegible]         .7[illegible]       1.74

      16               [illegible]      [illegible].7[illegible]       1.[illegible]

      17               -[illegible].[illegible]7      [illegible]       1.[illegible]

      18               -0.09        [illegible].8[illegible]       [illegible]

      19               -[illegible].15         .5[illegible]       [illegible].77

      20               -[illegible].71        [illegible].[illegible]2       .4[illegible]

      21               -[illegible].[illegible]      -0.59       1.1[illegible]

      22               -3.01        -[illegible].34       [illegible].21

      23               -1.[illegible]      -0.70       0.37

      24               -2.[illegible]      -0.63       [illegible]


   SUMMARY             -3.[illegible]1        0.14       2.[illegible]
```

[illegible] INSOLATION: SITE 1 [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]
12	[illegible]	1.3	[illegible]
[illegible]	[illegible]	1.17	1.57
14	[illegible]	1.24	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.41
[illegible]	0.1	[illegible]	1.17
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	.24
[illegible]	.01	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.01
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.46	5.74	17.45
2	1.23	5.29	11.46
3	2.02	5.61	12.81
4	1.89	5.32	12.86
5	1.69	5.33	19.67
6	1.58	4.73	14.21
7	1.48	4.55	13.95
8	1.78	4.37	11.17
9	1.85	6.37	15.74
10	3.43	8.00	17.28
11	3.64	9.41	21.10
12	4.16	10.59	19.56
13	4.36	11.46	23.41
14	3.45	10.85	21.72
15	4.29	11.32	20.28
16	3.33	11.70	22.33
17	4.04	11.21	18.69
18	3.67	10.92	28.47
19	4.53	10.35	24.49
20	2.44	7.20	24.92
21	1.54	7.29	22.61
22	2.06	7.20	20.62
23	1.71	6.58	11.63
24	2.18	5.90	12.06
SUMMARY	1.23	7.80	28.47

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                 RROSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                10.83       16.02        20.53

     2                10.87       15.77        21.10

     3                10.02       15.58        21.38

     4                 9.88       15.21        19.61

     5                 9.60       14.67        19.22

     6                 9.26       14.22        19.08

     7                 9.06       14.12        18.02

     8                 8.40       15.21        19.23

     9                 9.63       16.85        21.53

    10                10.79       18.52        22.79

    11                12.27       19.76        24.39

    12                13.70       21.02        25.92

    13                15.74       21.44        25.15

    14                17.26       21.92        25.15

    15                15.66       22.32        25.90

    16                17.93       22.45        26.52

    17                16.45       22.16        26.07

    18                14.10       21.66        25.12

    19                13.11       20.46        24.14

    20                12.24       19.02        22.74

    21                11.06       17.83        21.80

    22                11.33       17.41        23.06

    23                11.30       16.92        21.55

    24                10.71       16.27        21.12


SUMMARY                8.40       18.20        26.52
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RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	16.79	22.21	69.70
2	17.14	22.55	70.66
3	17.26	22.62	73.56
4	17.20	22.35	71.17
5	17.58	22.64	68.41
6	18.19	23.10	62.21
7	17.58	22.23	55.24
8	16.56	20.16	61.10
9	15.84	19.06	48.05
10	15.47	17.55	23.67
11	15.28	17.02	20.72
12	14.37	16.35	19.39
13	14.73	16.12	18.34
14	13.64	15.87	19.95
15	13.99	15.79	17.96
16	13.66	15.63	17.05
17	13.80	15.75	17.37
18	14.02	16.08	19.26
19	14.27	17.38	45.02
20	15.23	18.74	58.38
21	16.29	20.10	74.12
22	16.35	20.29	72.45
23	16.65	20.23	62.67
24	16.71	21.46	68.16
SUMMARY	13.64	19.22	74.12

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.02	9.95	22.62
2	2.36	11.24	26.70
3	3.41	10.87	18.80
4	2.13	10.07	24.69
5	2.63	11.07	27.59
6	3.38	10.37	29.81
7	2.91	10.48	29.01
8	3.93	12.69	30.18
9	5.84	13.66	20.64
10	7.95	15.29	22.06
11	10.36	15.63	23.37
12	11.04	16.43	28.03
13	9.21	16.65	31.05
14	9.04	16.93	26.41
15	9.66	17.25	28.51
16	9.20	15.21	23.25
17	7.29	14.28	26.10
18	8.30	13.37	19.71
19	4.89	12.35	27.80
20	3.63	12.25	28.02
21	3.33	12.38	26.76
22	1.05	10.03	19.22
23	2.26	11.51	30.78
24	3.52	10.86	27.13
SUMMARY	1.05	12.96	31.05

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.57	6.86	24.45
2	1.51	6.47	14.40
3	1.47	6.65	14.81
4	1.45	6.09	16.30
5	1.00	6.02	23.23
6	1.01	5.46	18.31
7	1.13	5.40	17.51
8	1.54	5.06	14.85
9	1.53	7.35	21.10
10	3.82	9.43	23.36
11	3.90	10.88	26.10
12	4.74	12.36	26.18
13	4.75	13.30	29.67
14	3.78	12.52	29.29
15	4.55	13.37	26.22
16	2.78	13.80	27.29
17	5.02	13.28	23.78
18	3.41	13.00	36.25
19	5.17	12.74	32.39
20	1.97	9.15	32.25
21	1.76	8.95	30.66
22	1.54	8.59	27.66
23	1.83	7.65	12.91
24	1.87	6.94	16.59
SUMMARY	1.00	9.22	36.25

SROSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.75	16.12	21.37
2	9.71	15.82	20.63
3	9.78	15.48	20.12
4	9.75	15.23	19.72
5	9.45	14.54	19.22
6	9.11	14.09	18.76
7	8.95	14.15	18.40
8	8.59	15.53	19.18
9	10.66	16.82	21.24
10	10.88	18.05	22.23
11	11.96	19.06	23.84
12	13.42	20.14	25.05
13	15.07	20.50	23.80
14	16.87	21.04	24.35
15	15.49	21.45	24.77
16	17.60	21.69	25.34
17	17.04	21.58	25.06
18	12.15	21.24	24.66
19	13.67	20.32	24.06
20	12.65	19.12	22.79
21	10.94	18.01	22.14
22	11.22	17.61	23.06
23	10.95	17.15	22.42
24	10.77	16.41	21.93
SUMMARY	8.59	17.96	25.34

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60-M: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.55	8.51	26.25
2	1.61	8.18	17.16
3	1.51	8.71	19.76
4	1.59	7.39	19.13
5	0.97	7.27	27.19
6	1.62	7.07	21.81
7	1.43	6.54	19.99
8	1.52	5.81	15.87
9	1.92	8.03	22.41
10	4.16	10.43	29.08
11	3.93	12.05	29.66
12	4.84	13.78	29.39
13	5.38	14.85	29.86
14	4.71	13.89	31.61
15	4.71	15.06	32.23
16	4.00	15.47	36.71
17	4.30	14.92	30.41
18	2.69	14.83	40.69
19	4.82	14.56	34.45
20	2.58	11.55	34.01
21	2.28	11.54	34.09
22	2.09	11.01	34.49
23	1.34	9.76	17.76
24	1.65	8.77	18.36
SUMMARY	0.97	10.83	40.69

REOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60: SITE 1 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.42	-0.49	0.30
2	-2.24	-0.49	0.29
3	-1.78	-0.34	0.18
4	-1.65	-0.42	0.28
5	-1.98	-0.45	0.37
6	-2.10	-0.72	0.03
7	-0.99	-0.42	0.29
8	-1.17	0.12	0.65
9	-0.61	0.53	0.96
10	0.13	0.75	1.16
11	0.19	0.84	1.27
12	0.53	0.97	1.36
13	0.57	0.99	1.46
14	0.22	0.98	1.41
15	-0.59	0.93	1.42
16	-1.90	0.94	4.72
17	-2.86	0.72	1.84
18	-2.42	0.66	2.57
19	-1.53	0.40	2.45
20	-1.49	-0.26	0.48
21	-2.03	-0.66	0.45
22	-2.09	-0.65	0.46
23	-2.07	-0.66	1.61
24	-1.91	-0.55	3.40
SUMMARY	-2.86	0.11	4.72

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          RBOSP   COMPOSITE DAY SUMMARY

      SOLAR INSOLATION: SITE 1  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM      MEAN      MAXIMUM

     1               0.00       0.00        0.01

     2               0.00       0.00        0.01

     3               0.00       0.00        0.01

     4               0.00       0.00        0.01

     5               0.00       0.00        0.01

     6               0.00       0.00        0.01

     7               0.01       0.02        0.08

     8               0.07       0.20        0.29

     9               0.16       0.45        0.60

    10               0.24       0.75        0.91

    11               0.18       1.00        1.18

    12               0.66       1.20        1.40

    13               0.38       1.19        1.52

    14               0.26       1.12        1.52

    15               0.29       1.08        1.46

    16               0.30       0.94        1.29

    17               0.09       0.74        1.07

    18               0.04       0.49        0.77

    19               0.02       0.26        0.47

    20               0.01       0.08        0.16

    21               0.00       0.01        0.03

    22               0.00       0.01        0.01

    23               0.00       0.00        0.01

    24               0.00       0.00        0.01


  SUMMARY            0.00       0.40        1.52
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          PROSP   COMPOSITE DAY SUMMARY

    WIND SPEED 10-M: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

     1              1.45         6.67       17.45

     2              1.23         5.94       15.00

     3              1.39         5.36       13.03

     4              1.19         5.46       18.10

     5              1.27         5.65       19.67

     6              1.06         5.10       16.90

     7              1.47         4.59       13.95

     8              1.78         4.65       14.33

     9              1.85         6.81       19.61

    10              2.76         7.78       17.28

    11              3.64         9.29       21.10

    12              4.16         9.79       20.60

    13              4.27        10.59       23.41

    14              3.45        10.91       21.72

    15              4.29        11.56       21.27

    16              3.33        11.34       24.54

    17              2.62        10.87       21.47

    18              3.55        10.21       28.47

    19              2.76         9.93       24.49

    20              2.44         8.00       24.92

    21              1.14         7.66       22.61

    22              2.06         7.62       20.62

    23              1.71         7.37       18.95

    24              1.47         6.77       12.64


  SUMMARY           1.06         7.90       28.47
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          RBOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM      MEAN     MAXIMUM

     1              -5.27      15.94      23.49

     2              -5.30      15.63      23.08

     3              -5.27      15.27      22.88

     4              -3.90      14.90      20.86

     5              -3.11      14.36      21.76

     6              -3.74      14.06      21.06

     7              -3.65      14.12      22.10

     8              -1.47      15.36      22.47

     9              -0.03      16.95      24.82

    10               1.28      18.39      26.14

    11               2.24      19.55      27.70

    12               3.66      20.72      28.45

    13               4.89      21.37      28.94

    14               6.17      21.83      29.73

    15               5.80      21.91      28.97

    16               3.00      21.93      28.23

    17               4.87      21.93      28.50

    18               5.60      21.75      28.71

    19               5.71      20.90      28.64

    20               0.68      19.53      27.53

    21              -2.38      17.90      25.39

    22              -3.02      17.29      24.10

    23              -3.28      16.75      23.75

    24              -3.36      16.27      23.80


  SUMMARY           -5.30      18.09      29.73
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            RHOSP   COMPOSITE DAY SUMMARY

   REL. HUMIDITY 10-M: SITE 1   FOR   6/ 1/76  -   8/31/76
 HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

      1               16.08        26.39       82.52

      2               15.62        26.41       82.33

      3               16.64        26.52       79.98

      4               16.67        26.49       75.18

      5               17.07        27.24       80.09

      6               17.19        27.70       76.21

      7               16.80        26.07       73.96

      8               15.35        22.98       72.22

      9               14.22        21.68       64.06

     10               14.48        21.00       63.94

     11               13.93        20.17       62.63

     12               13.10        19.06       53.98

     13               13.26        17.94       36.19

     14               13.16        17.85       46.65

     15               13.56        17.97       58.82

     16               13.41        18.00       75.31

     17               13.48        17.73       57.86

     18               13.33        18.20       66.74

     19               13.63        19.42       68.59

     20               14.08        20.89       72.02

     21               15.49        23.47       75.20

     22               15.99        24.11       78.63

     23               16.04        24.98       79.45

     24               15.99        25.78       82.94


  SUMMARY             13.10        22.45       82.94
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RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10-M: SITE 1 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.95	10.19	24.02
2	1.62	10.82	26.70
3	3.18	11.03	27.00
4	2.13	10.66	27.60
5	2.63	11.14	27.59
6	2.32	10.90	29.31
7	2.91	11.86	29.01
8	3.93	13.99	30.18
9	5.84	14.87	26.74
10	7.95	15.85	23.94
11	10.34	15.77	23.38
12	9.21	17.29	28.03
13	9.21	16.81	31.05
14	8.42	16.32	26.41
15	6.51	16.01	28.51
16	6.19	14.96	26.83
17	7.22	14.29	26.10
18	6.25	13.77	27.25
19	4.89	12.42	27.80
20	3.63	11.08	28.02
21	1.91	11.37	26.76
22	1.05	9.92	24.52
23	1.91	10.91	30.78
24	1.67	9.80	27.13
SUMMARY	1.05	12.87	31.05

```
          RFOSP   COMPOSITE DAY SUMMARY

      WIND SPEED 30-M: SITE 1  FOR   6/ 1/76  -   8/31/76
  HOUR OF DAY       MINIMUM      MEAN     MAXIMUM

       1             1.57        7.98      24.45

       2             1.11        7.11      17.61

       3             1.35        6.32      16.33

       4             1.30        6.41      23.30

       5             1.00        6.44      23.23

       6             0.98        5.76      19.90

       7             1.00        5.23      17.51

       8             1.00        5.27      17.62

       9             1.53        7.76      22.78

      10             2.70        8.98      23.36

      11             3.90       10.55      26.10

      12             4.20       11.32      26.18

      13             4.70       12.21      29.67

      14             3.75       12.58      29.29

      15             4.55       13.49      26.22

      16             2.78       13.23      30.18

      17             2.25       12.72      26.43

      18             3.35       12.07      36.25

      19             3.28       11.91      32.39

      20             1.97        9.91      32.25

      21             1.76        9.47      30.66

      22             1.54        9.13      27.66

      23             1.17        8.74      21.65

      24             1.02        8.12      16.59


   SUMMARY           0.98        9.26      36.25
```

R8OSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30-M: SITE 1 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-3.70	16.32	24.14
2	-3.74	15.83	23.58
3	-3.78	15.37	22.83
4	-3.77	15.05	22.24
5	-2.94	14.41	21.98
6	-3.62	14.00	20.98
7	-3.52	14.41	22.14
8	-1.93	15.70	23.18
9	-0.92	16.89	24.44
10	0.13	18.02	25.98
11	1.19	19.00	27.14
12	2.66	20.07	27.99
13	4.21	20.67	28.16
14	5.48	21.09	29.06
15	6.26	21.20	28.58
16	5.71	21.33	27.57
17	7.94	21.53	28.01
18	8.49	21.49	28.53
19	6.95	20.84	29.02
20	0.16	19.75	27.95
21	-2.64	18.32	25.88
22	-3.21	17.71	24.76
23	-3.36	17.15	24.18
24	-3.47	16.62	24.50
SUMMARY	-3.78	18.02	29.06

```
          BPOSP   COMPOSITE DAY SUMMARY

     WIND SPEED 60-M: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY         MINIMUM      MEAN     MAXIMUM

     1               1.36        9.97       26.25

     2               1.50        8.98       19.74

     3               1.07        8.23       19.76

     4               1.33        8.22       29.30

     5               0.90        7.94       27.19

     6               1.16        7.55       24.00

     7               1.21        6.48       19.99

     8               1.52        6.07       20.69

     9               1.92        8.47       25.50

    10               2.78        9.90       29.08

    11               3.93       11.73       29.66

    12               2.25       12.49       32.95

    13               4.58       13.64       29.86

    14               4.53       13.76       31.61

    15               4.71       15.06       32.23

    16               4.00       14.65       36.71

    17               2.69       14.24       30.41

    18               2.69       13.62       40.69

    19               4.11       13.50       34.45

    20               2.58       12.14       34.01

    21               1.70       11.85       34.09

    22               2.09       11.27       34.49

    23               1.34       10.81       24.61

    24               1.36       10.13       20.16


  SUMMARY            0.90       10.85       40.69
```

```
          RBOSP   COMPOSITE DAY SUMMARY

   DELTA TEMP. 10-60: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM      MEAN     MAXIMUM

      1             -2.42      -0.52        4.16

      2             -2.24      -0.49        0.32

      3             -2.32      -0.49        0.27

      4             -2.15      -0.57        0.35

      5             -2.55      -0.55        0.37

      6             -2.46      -0.58        0.34

      7             -1.41      -0.31        0.48

      8             -1.17       0.26        0.71

      9             -0.61       0.58        1.02

     10              0.18       0.75        1.20

     11              0.19       0.85        1.27

     12             -0.01       0.94        1.36

     13              0.57       1.03        7.43

     14              0.22       0.94        1.41

     15             -1.79       0.84        1.42

     16             -1.90       0.84        4.72

     17             -2.86       0.75        1.91

     18             -2.42       0.70        6.86

     19             -2.03       0.39        2.45

     20             -1.49      -0.04        0.51

     21             -2.59      -0.59        1.13

     22             -3.01      -0.69        2.32

     23             -2.09      -0.64        1.61

     24             -2.09      -0.58        3.40


   SUMMARY          -3.01       0.11        7.43
```

```
          SNPSP   COMPOSITE DAY SUMMARY

    SOLAR INSOLATION: SITE 1  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

     1                0.00         0.00         0.01

     2                0.00         0.00         0.01

     3                0.00         0.00         0.01

     4                0.00         0.00         0.01

     5                0.00         0.00         0.01

     6                0.00         0.01         0.01

     7                0.01         0.08         0.16

     8                0.02         0.29         0.42

     9                0.04         0.57         0.80

    10                0.09         0.85         1.10

    11                0.18         1.08         1.34

    12                0.43         1.29         1.58

    13                0.38         1.26         1.63

    14                0.26         1.22         1.62

    15                0.24         1.10         1.56

    16                0.16         0.98         1.41

    17                0.09         0.79         1.17

    18                0.04         0.57         0.93

    19                0.02         0.36         0.72

    20                0.01         0.14         0.25

    21                0.00         0.03         0.19

    22                0.00         0.01         0.04

    23                0.00         0.00         0.01

    24                0.00         0.00         0.01


  SUMMARY             0.00         0.44         1.63
```

B.2.2

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 2
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

```
          RBOSP   COMPOSITE DAY SUMMARY

     WIND SPEED 10-M: SITE 2  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

     1                0.90        8.30       15.87

     2                1.56        7.26       15.36

     3                0.90        7.01       16.28

     4                1.46        7.83       19.80

     5                1.76        8.04       18.80

     6                0.93        7.71       23.10

     7                0.90        5.81       17.09

     8                0.90        6.80       16.31

     9                2.35        9.55       21.28

    10                1.82       10.29       20.48

    11                1.44       12.21       22.09

    12                3.09       13.45       26.41

    13                5.42       14.29       27.30

    14                5.62       14.52       24.46

    15                5.64       14.83       23.41

    16                4.43       13.46       24.21

    17                5.80       13.85       26.31

    18                5.44       13.07       24.47

    19                6.55       12.69       31.30

    20                3.60       10.32       24.35

    21                1.65        9.49       18.91

    22                2.92        9.27       21.11

    23                3.26        8.90       18.09

    24                1.82        8.53       16.08


  SUMMARY             0.90       10.22       31.30
```

BBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-3.72	13.21	20.57
2	-3.80	12.65	19.29
3	-3.86	12.32	18.53
4	-4.24	12.13	19.18
5	-3.78	11.81	19.61
6	-3.83	11.40	18.30
7	-3.54	11.70	18.80
8	-1.92	13.29	20.17
9	-1.01	14.37	21.09
10	-0.19	15.30	22.92
11	0.94	16.17	25.33
12	2.61	17.24	26.34
13	4.39	18.11	26.86
14	5.97	18.36	25.78
15	6.76	18.77	26.26
16	6.57	19.02	26.34
17	8.50	19.25	26.44
18	9.06	19.32	26.19
19	7.85	18.44	25.94
20	0.26	17.03	25.29
21	-2.64	15.51	22.83
22	-3.28	14.82	21.91
23	-3.47	13.86	20.31
24	-3.48	13.61	21.46
SUMMARY	-4.24	15.26	26.86

```
           RBOSP   COMPOSITE DAY SUMMARY

       WIND SPEED 10-M: SITE 2  FOR   7/ 1/76  -   7/31/76
   HOUR OF DAY         MINIMUM       MEAN     MAXIMUM

         1                3.40        8.40      21.98

         2                2.87        7.96      21.08

         3                2.50        7.28      19.40

         4                0.99        6.56      21.85

         5                1.50        6.09      15.90

         6                1.62        5.32      20.00

         7                1.53        5.19      19.60

         8                1.35        4.75      15.85

         9                2.56        6.05      15.68

        10                2.96        6.85      13.54

        11                3.98        7.44      14.06

        12                4.34        7.29      17.30

        13                3.29        9.33      21.90

        14                5.75        9.79      13.90

        15                3.92       11.10      23.30

        16                5.48       10.36      17.80

        17                5.18       10.53      20.84

        18                2.42        9.60      21.47

        19                2.84        8.54      15.80

        20                4.04        9.17      18.92

        21                3.43        9.59      25.83

        22                3.24        8.43      15.30

        23                2.96        8.45      22.24

        24                3.47        7.86      14.47


      SUMMARY             0.99        8.03      25.83
```

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 2 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	11.12	18.98	24.64
2	12.03	18.46	23.78
3	13.17	18.15	23.30
4	12.76	17.35	22.20
5	11.12	16.72	21.32
6	11.97	16.35	20.85
7	12.15	17.05	22.12
8	14.46	18.76	22.54
9	16.12	20.27	24.48
10	17.33	21.55	25.96
11	18.21	22.72	27.07
12	18.94	23.48	27.98
13	19.02	24.00	27.93
14	19.68	24.64	29.40
15	17.25	24.29	28.51
16	19.74	24.37	28.11
17	16.73	24.45	27.66
18	14.17	24.45	28.75
19	14.39	24.39	28.80
20	14.00	23.34	28.22
21	12.51	20.65	25.49
22	12.81	20.03	24.85
23	11.80	19.43	24.66
24	11.08	18.94	24.92
SUMMARY	11.08	20.97	29.40

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.34	7.76	24.09
2	2.24	7.25	15.24
3	2.70	7.65	19.33
4	2.67	7.17	19.22
5	2.58	6.77	17.10
6	1.74	6.40	18.10
7	1.69	6.27	13.83
8	1.83	5.83	15.64
9	2.35	8.27	18.91
10	3.41	9.58	23.95
11	3.33	10.29	24.24
12	5.02	12.06	24.91
13	4.55	13.20	25.24
14	6.21	12.77	24.35
15	6.03	13.81	30.76
16	3.66	14.19	29.48
17	3.97	13.49	23.20
18	4.90	13.55	39.20
19	4.15	12.32	27.70
20	2.34	8.80	30.70
21	2.21	9.64	27.13
22	2.71	9.07	25.76
23	2.53	8.78	22.22
24	2.69	7.54	20.15
SUMMARY	1.69	9.69	39.20

SBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE [illegible] FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	10.20	15.65	21.05
2	9.84	15.49	20.62
3	9.47	15.00	20.18
4	8.69	14.69	19.45
5	8.40	14.19	18.71
6	7.72	13.84	18.93
7	8.17	13.72	17.59
8	8.60	15.35	19.40
9	8.79	17.02	20.95
10	10.84	18.25	22.41
11	11.97	19.21	24.38
12	13.55	20.27	24.67
13	15.65	20.91	25.94
14	15.55	21.37	24.29
15	14.19	21.77	25.34
16	17.03	21.89	25.30
17	17.91	21.86	25.18
18	12.27	21.37	24.64
19	12.65	20.40	24.61
20	12.26	18.92	23.09
21	10.89	17.67	21.82
22	10.77	17.16	22.09
23	10.28	16.86	21.42
24	9.97	16.33	21.30
SUMMARY	7.72	17.88	25.94

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 2 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.90	8.14	24.09
2	1.56	7.47	21.08
3	0.90	7.32	19.40
4	0.99	7.21	21.85
5	1.50	6.99	18.80
6	0.93	6.51	23.10
7	0.90	5.79	19.60
8	0.90	5.83	16.31
9	2.35	8.03	21.28
10	1.82	8.98	23.95
11	1.44	10.08	24.24
12	3.09	11.07	26.41
13	3.29	12.29	27.30
14	5.62	12.35	24.46
15	3.92	13.28	30.76
16	3.66	12.77	29.48
17	3.97	12.66	26.31
18	2.42	12.12	39.20
19	2.84	11.24	31.30
20	2.34	9.42	30.70
21	1.65	9.57	27.13
22	2.71	8.93	25.76
23	2.53	8.72	22.24
24	1.82	7.97	20.15
SUMMARY	0.90	9.35	39.20

```
          RMOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 1   FOR   6/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

     1              -3.72        15.84       24.64

     2              -3.80        15.40       23.78

     3              -3.86        15.02       23.30

     4              -4.24        14.60       22.20

     5              -3.78        14.13       21.32

     6              -3.83        13.75       20.85

     7              -3.54        14.02       22.12

     8              -1.92        15.66       22.54

     9              -1.01        17.08       24.48

    10              -0.19        18.25       25.96

    11               0.94        19.20       27.07

    12               2.61        20.21       27.98

    13               4.39        21.00       27.93

    14               5.97        21.42       29.40

    15               6.76        21.56       28.51

    16               6.57        21.70       28.11

    17               8.50        21.82       27.66

    18               9.06        21.67       28.75

    19               7.85        20.99       28.80

    20               0.26        19.67       28.22

    21              -2.64        17.88       25.49

    22              -3.28        17.28       24.85

    23              -3.47        16.66       24.66

    24              -3.48        16.24       24.92


  SUMMARY           -4.24        17.94       29.40
```

B.2.3

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 3
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.39	6.52	9.08
2	1.73	6.20	9.85
3	2.09	6.77	9.43
4	1.95	6.34	8.78
5	3.97	6.20	8.69
6	1.73	6.10	11.90
7	1.36	4.60	7.23
8	1.45	4.20	14.65
9	1.79	6.79	14.07
10	3.18	8.21	15.47
11	3.58	9.95	17.90
12	4.66	11.46	24.26
13	4.66	12.91	19.71
14	4.52	12.58	19.01
15	5.97	12.89	18.17
16	4.52	12.32	19.41
17	3.47	10.75	19.61
18	3.84	10.61	18.91
19	3.06	9.28	16.12
20	3.31	7.41	14.58
21	2.70	6.35	10.18
22	2.92	6.95	13.80
23	2.83	6.56	9.50
24	3.06	6.38	10.38
SUMMARY	1.36	8.19	24.26

```
              RHOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3  FOR   6/ 1/76  -   6/30/76
HOUR OF DAY         MINIMUM      MEAN     MAXIMUM

      1              -2.21       8.97      19.06

      2              -2.14       7.97      16.17

      3              -2.11       6.82      14.06

      4              -3.06       6.85      17.70

      5              -6.43       5.86      14.49

      6              -7.08       5.50      12.51

      7              -4.60       7.44      11.76

      8              -0.61      12.57      18.68

      9               1.21      15.62      23.10

     10               2.84      17.62      24.27

     11               3.97      18.78      26.77

     12               5.67      19.84      27.17

     13               7.30      20.85      29.13

     14               8.58      21.26      28.35

     15               9.93      21.58      28.94

     16               6.75      21.72      28.96

     17              10.50      22.02      29.75

     18              11.50      21.97      28.91

     19              10.46      20.99      28.95

     20               1.70      19.54      27.46

     21              -1.01      14.72      22.73

     22              -1.69      12.48      21.08

     23              -1.85      11.11      19.65

     24              -1.91      10.54      19.01


  SUMMARY            -7.08      14.55      29.75
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.47	5.57	8.94
2	1.54	5.85	12.16
3	1.48	5.49	8.70
4	2.53	5.85	9.50
5	1.93	6.18	9.10
6	2.53	6.18	8.90
7	3.19	5.42	8.49
8	1.38	2.96	4.90
9	1.88	4.65	10.00
10	2.72	5.67	9.95
11	3.03	6.23	12.34
12	2.96	6.94	14.30
13	3.87	7.41	20.00
14	2.96	8.38	16.20
15	5.40	9.20	15.20
16	2.85	8.91	16.20
17	4.00	8.33	16.40
18	3.72	8.32	15.56
19	1.30	7.30	13.31
20	3.25	6.19	13.08
21	1.62	6.51	14.10
22	2.96	6.86	12.06
23	2.47	6.86	10.40
24	1.99	6.32	10.89
SUMMARY	1.30	6.58	20.00

```
           RBOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

      1               10.52       15.39       21.11

      2               11.14       14.59       22.01

      3               10.06       13.86       21.54

      4                8.28       13.05       19.30

      5                6.15       12.20       19.99

      6                6.61       11.74       20.45

      7                9.45       12.77       21.05

      8               13.92       17.41       22.91

      9               16.28       20.90       25.45

     10               17.76       23.23       28.17

     11               20.83       25.11       29.96

     12               21.43       26.06       30.68

     13               22.55       26.74       32.11

     14               21.92       27.14       31.83

     15               20.84       27.03       31.31

     16               21.55       26.90       30.45

     17               18.26       26.63       31.17

     18               17.15       26.89       31.46

     19               17.06       26.68       31.39

     20               16.24       25.47       30.71

     21               15.15       20.38       26.20

     22               14.62       18.02       24.17

     23               13.17       16.69       23.26

     24               12.54       16.41       23.32

  SUMMARY              6.15       20.51       32.11
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.26	6.40	12.99
2	2.13	5.92	8.67
3	2.22	5.75	9.04
4	2.45	5.67	8.64
5	2.61	6.02	10.16
6	2.73	5.85	8.47
7	2.54	5.93	9.09
8	1.42	3.52	5.89
9	1.50	5.17	11.32
10	3.23	7.38	18.27
11	2.73	8.33	17.20
12	3.27	9.45	18.50
13	3.75	10.73	19.39
14	4.30	10.43	17.68
15	4.17	11.06	23.45
16	1.59	10.72	22.82
17	2.52	10.58	19.05
18	4.62	10.17	25.52
19	3.26	9.00	18.21
20	2.05	5.64	14.16
21	2.13	7.08	12.78
22	3.55	7.25	15.92
23	2.90	6.69	9.23
24	2.69	5.93	8.24
SUMMARY	1.42	7.53	25.52

```
            RHOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3  FOR   8/ 1/76  -   8/31/76
HOUR OF DAY         MINIMUM      MEAN      MAXIMUM

     1                8.40      11.33       17.39

     2                7.73      11.09       16.54

     3                6.50      10.17       15.96

     4                4.76       9.68       17.67

     5                4.45       9.34       16.01

     6                3.96       8.53       14.62

     7                4.88       8.56       16.35

     8                6.95      12.55       17.49

     9               10.09      17.41       23.52

    10               13.52      19.91       24.89

    11               14.69      21.51       26.51

    12               16.06      23.03       27.96

    13               17.82      23.44       27.07

    14               18.41      24.04       27.71

    15               18.39      24.37       28.14

    16               19.80      24.64       28.71

    17               19.09      24.43       28.27

    18               15.11      24.14       27.56

    19               13.27      22.84       26.90

    20               12.97      20.01       25.42

    21               11.40      15.99       21.89

    22               10.40      14.28       19.54

    23                9.47      13.00       18.18

    24                8.61      11.91       17.48


  SUMMARY             3.96      16.93       28.71
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 3 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.47	6.19	12.99
2	1.54	6.00	12.16
3	1.48	6.02	9.43
4	1.95	5.96	9.50
5	1.93	6.13	10.16
6	1.73	6.04	11.90
7	1.36	5.32	9.09
8	1.38	3.59	14.65
9	1.50	5.56	14.07
10	2.72	7.14	18.27
11	2.73	8.27	17.90
12	2.96	9.37	24.26
13	3.75	10.37	20.00
14	2.96	10.49	19.01
15	4.17	11.09	23.45
16	1.59	10.69	22.82
17	2.52	9.91	19.61
18	3.72	9.73	25.52
19	1.30	8.56	18.21
20	2.05	6.41	14.58
21	1.62	6.66	14.10
22	2.92	7.03	15.92
23	2.47	6.70	10.40
24	1.99	6.21	10.89
SUMMARY	1.30	7.46	25.52

```
              RDOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 3  FOR   6/ 1/76  -   8/31/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

     1              -2.21        11.77       21.11

     2              -2.14        11.06       22.01

     3              -2.11        10.12       21.54

     4              -3.06         9.71       19.30

     5              -6.43         9.00       19.99

     6              -7.08         8.44       20.45

     7              -4.60         9.43       21.05

     8              -0.61        14.01       22.91

     9               1.20        17.86       25.45

    10               2.84        20.15       28.17

    11               3.97        21.64       29.96

    12               5.67        22.87       30.68

    13               7.30        23.66       32.11

    14               8.58        24.11       31.83

    15               9.93        24.26       31.31

    16               6.75        24.37       30.45

    17              10.50        24.36       31.17

    18              11.50        24.30       31.46

    19              10.46        23.43       31.39

    20               1.70        21.57       30.71

    21              -1.01        16.94       26.20

    22              -1.69        14.85       24.17

    23              -1.85        13.52       23.26

    24              -1.91        12.86       23.32


  SUMMARY           -7.08        17.23       32.11
```

B.2.4

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES FOR SITE 4
1 JUNE 1976 THROUGH 31 AUGUST 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.00	4.56	9.28
2	1.11	4.61	8.42
3	1.20	4.45	9.40
4	1.64	4.13	7.40
5	2.41	4.52	13.30
6	1.26	3.90	9.95
7	1.47	3.35	13.46
8	1.14	3.39	19.73
9	1.41	5.79	17.69
10	2.20	8.40	18.10
11	3.22	10.74	19.12
12	3.44	11.81	26.04
13	4.66	12.90	24.02
14	4.33	12.68	22.37
15	4.80	13.32	22.48
16	3.24	12.27	21.72
17	2.40	11.36	20.22
18	1.70	11.66	21.08
19	2.58	10.37	16.40
20	3.31	8.74	18.61
21	1.86	5.99	15.74
22	1.84	5.39	13.91
23	1.26	4.45	15.60
24	1.56	4.24	9.58
SUMMARY	1.00	7.53	26.04

PROSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/76 - 6/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.95	8.18	18.37
2	-0.91	6.88	18.17
3	-0.81	5.70	16.19
4	-2.49	4.93	17.84
5	-6.11	4.38	17.50
6	-8.00	3.80	15.33
7	-7.67	6.04	13.01
8	-7.25	11.49	17.72
9	-0.59	15.72	23.63
10	3.36	13.38	25.38
11	4.67	19.76	27.38
12	6.18	21.07	29.04
13	8.33	21.95	28.76
14	9.80	22.55	29.41
15	10.76	22.91	30.25
16	6.54	22.92	30.64
17	10.39	23.24	30.79
18	12.68	23.24	30.43
19	11.45	22.67	31.36
20	2.81	20.79	28.59
21	0.29	16.69	24.72
22	-0.36	13.65	22.16
23	-0.67	11.18	21.58
24	-0.91	10.13	20.36
SUMMARY	-8.00	14.76	31.36

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 7/ 1/76 - 7/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.30	3.98	8.21
2	2.15	4.02	8.07
3	1.30	3.63	6.40
4	1.90	3.83	5.61
5	1.90	3.80	5.06
6	2.10	3.63	5.23
7	1.16	3.27	6.10
8	0.93	2.70	11.85
9	1.60	3.92	12.55
10	2.58	4.59	9.12
11	3.20	5.16	10.90
12	3.80	6.29	18.30
13	3.32	7.29	18.20
14	4.80	8.32	18.90
15	3.30	8.40	17.30
16	4.74	9.59	18.10
17	3.60	8.96	16.20
18	2.70	7.32	15.60
19	2.69	7.54	13.80
20	1.90	6.33	13.98
21	1.53	4.65	9.31
22	2.40	5.83	14.45
23	2.02	5.02	13.73
24	1.67	4.01	8.30
SUMMARY	0.93	5.52	18.90

```
              PEDSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4  FOR   7/ 1/76  -   7/31/76
HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

      1              8.41        14.63       22.11

      2              6.45        13.53       24.58

      3              4.22        12.25       17.88

      4              4.34        11.37       18.11

      5              2.56        10.15       16.18

      6              2.21         9.42       16.47

      7              5.32        10.75       17.91

      8             13.58        16.63       23.46

      9             17.22        21.16       26.01

     10             19.61        24.11       29.01

     11             21.30        26.01       30.55

     12             22.66        27.22       31.91

     13             23.36        28.06       32.95

     14             22.45        28.33       33.36

     15             22.63        28.24       33.14

     16             19.93        28.07       32.18

     17             20.66        28.04       32.35

     18             20.13        28.00       32.32

     19             17.60        27.91       32.89

     20             17.25        26.32       31.76

     21             14.42        22.17       28.04

     22             15.29        19.18       25.31

     23             13.07        16.90       23.86

     24              8.62        15.06       23.74


   SUMMARY           2.21        20.55       33.36
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.56	4.48	14.45
2	1.93	3.94	9.76
3	1.53	3.64	7.56
4	1.36	3.63	5.75
5	2.00	3.67	7.26
6	1.50	3.65	5.24
7	1.57	3.94	7.08
8	1.03	2.51	4.81
9	1.05	3.85	14.40
10	2.82	7.01	18.56
11	2.97	8.89	21.01
12	3.68	9.82	22.49
13	2.91	10.70	23.82
14	3.89	11.40	22.90
15	3.43	12.01	24.15
16	2.66	11.96	27.05
17	3.87	12.09	24.78
18	3.89	10.93	22.21
19	3.89	10.31	21.04
20	2.42	6.43	20.43
21	2.40	5.67	17.25
22	1.97	4.54	9.81
23	1.56	4.67	10.57
24	1.89	4.05	5.93
SUMMARY	1.03	6.82	27.05

PROSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 8/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	4.84	10.77	17.59
2	2.80	9.92	17.59
3	1.58	9.25	17.59
4	1.76	8.55	17.59
5	-0.01	8.00	17.59
6	-0.39	7.66	17.59
7	-1.00	7.40	17.59
8	4.50	11.72	18.11
9	10.84	17.34	21.90
10	13.93	20.34	25.78
11	15.42	22.42	27.21
12	17.41	23.83	29.04
13	17.59	24.47	29.35
14	17.59	24.90	28.77
15	17.59	25.18	28.93
16	17.59	25.72	29.69
17	17.59	25.62	29.88
18	17.59	25.26	28.61
19	17.24	24.00	28.40
20	13.41	21.66	26.16
21	13.51	17.62	21.91
22	9.67	15.17	20.23
23	7.67	13.16	19.47
24	6.66	11.31	17.86
SUMMARY	-1.00	17.14	29.88

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10-M: SITE 4 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.00	4.35	14.45
2	1.11	4.19	9.76
3	1.20	3.92	9.40
4	1.36	3.86	7.40
5	1.90	4.00	13.30
6	1.26	3.73	9.95
7	1.16	3.54	13.46
8	0.93	2.87	19.73
9	1.05	4.53	17.69
10	2.20	6.78	18.56
11	2.97	8.46	21.01
12	3.44	9.47	26.04
13	2.91	10.35	24.02
14	3.89	10.88	22.90
15	3.30	11.37	24.15
16	2.66	11.34	27.05
17	2.40	10.85	24.78
18	1.70	10.02	22.21
19	2.58	9.46	21.04
20	1.90	7.18	20.43
21	1.53	5.46	17.25
22	1.84	5.23	14.45
23	1.26	4.71	15.60
24	1.56	4.10	9.58
SUMMARY	0.93	6.67	27.05

RPOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10-M: SITE 4 FOR 6/ 1/76 - 8/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.95	11.07	22.11
2	-0.91	9.95	24.58
3	-0.91	8.92	17.88
4	-2.49	8.15	18.11
5	-6.11	7.39	17.59
6	-8.09	6.86	17.59
7	-7.67	7.93	17.91
8	-7.25	13.06	23.46
9	-0.59	17.91	26.01
10	3.36	20.78	29.01
11	4.67	22.48	30.55
12	6.18	23.88	31.91
13	8.33	24.77	32.95
14	9.87	25.18	33.36
15	10.76	25.34	33.14
16	6.54	25.52	32.18
17	10.39	25.63	32.35
18	12.68	25.47	32.32
19	11.45	24.78	32.89
20	2.81	22.83	31.76
21	0.28	18.74	28.04
22	-0.36	15.92	25.31
23	-0.67	13.67	23.86
24	-0.91	12.09	23.74
SUMMARY	-8.09	17.37	33.36

SECTION B.3

WIND SPEED VERSUS WIND DIRECTION SUMMARIES
SUMMER 1976

B.3-1 to B.3-4

RBOSP WIND ROSE DATA FOR SITE: 1 10-M LEVEL

6/ 1/76 - 8/31/76

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.6	0.9	0.8	0.3	0.1	0.0	2.7	6.9
NNE	0.6	1.0	1.0	0.4	0.0	0.0	3.0	7.1
NE	0.4	1.2	0.9	0.0	0.0	0.0	2.6	6.0
ENE	0.9	2.9	0.3	0.0	0.0	0.0	4.1	4.6
E	0.4	2.1	0.3	0.0	0.0	0.0	2.8	4.9
ESE	0.4	0.9	0.2	0.1	0.0	0.0	1.6	5.2
SE	0.5	1.7	0.2	0.0	0.0	0.0	2.5	4.6
S[illegible]	0.9	1.3	0.5	0.2	0.0	0.0	2.8	5.2
S	0.7	1.9	1.8	1.8	0.5	0.1	6.8	9.9
SSW	0.8	2.6	5.5	5.2	0.8	0.0	14.9	10.7
SW	0.9	4.6	3.3	0.9	0.0	0.0	9.7	7.2
WSW	0.6	5.5	7.7	1.8	0.0	0.0	15.5	8.3
W	1.0	3.4	5.3	1.8	0.0	0.1	11.6	8.4
WNW	0.6	4.1	2.9	1.1	0.1	0.0	8.9	7.6
NW	1.0	3.2	1.6	0.9	0.3	0.0	7.1	7.3
NNW	0.5	1.6	1.0	0.3	0.1	0.0	3.6	6.7
TOTAL	10.7	39.0	33.3	14.7	1.9	0.3	****	7.9

RBOSP WIND ROSE DATA FOR SITE: 2 10-M LEVEL

6/ 1/76 - 8/31/76

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.3	1.2	0.5	0.2	0.0	0.0	2.3	6.1
NNE	0.3	1.5	1.2	0.2	0.0	0.0	3.3	6.7
NE	0.1	1.6	0.7	0.0	0.0	0.0	2.4	6.1
ENE	0.3	1.6	0.4	0.0	0.0	0.0	2.3	5.1
E	0.6	2.6	0.4	0.0	0.0	0.0	3.6	4.7
ESE	0.2	2.3	0.6	0.1	0.0	0.0	3.2	5.7
SE	0.3	1.1	0.4	0.1	0.0	0.0	2.0	5.8
SSE	0.3	1.2	0.9	0.3	0.0	0.0	2.7	7.4
S	0.1	1.9	2.2	0.9	0.3	0.4	5.8	10.2
SSW	0.5	1.2	4.7	4.5	1.3	0.2	12.6	12.3
SW	0.1	1.4	5.8	7.8	2.4	0.2	17.7	13.1
WSW	0.5	2.7	4.2	2.8	0.5	0.0	10.8	9.8
W	0.9	6.8	3.2	2.1	0.6	0.0	13.6	7.7
WNW	0.7	4.0	2.6	1.8	0.6	0.1	9.9	9.0
NW	0.4	2.2	1.1	0.6	0.0	0.0	4.3	7.0
NNW	0.3	1.4	1.1	0.3	0.0	0.0	3.1	6.7
TOTAL	6.0	34.9	30.2	21.8	5.8	1.1	99.7	9.3

RBOSP WIND ROSE DATA FOR SITE: 3 10-M LEVEL

6/ 1/76 - 8/31/76

DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.3	0.6	0.2	0.0	0.0	0.0	1.1	5.0
NNE	0.2	0.9	0.5	0.0	0.0	0.0	1.6	5.5
NE	0.4	1.7	0.7	0.0	0.0	0.0	2.8	5.4
ENE	0.6	4.4	1.4	0.0	0.0	0.0	6.4	5.7
E	0.5	3.8	0.9	0.0	0.0	0.0	5.1	5.2
ESE	0.4	1.2	0.4	0.0	0.0	0.0	2.1	5.2
SE	0.2	0.8	0.5	0.0	0.0	0.0	1.5	5.5
SSE	0.0	0.5	0.3	0.0	0.0	0.0	0.8	5.9
S	0.0	0.7	0.6	0.0	0.0	0.0	1.3	7.0
SSW	0.2	0.9	1.7	0.5	0.0	0.0	3.3	8.8
SW	0.2	1.1	3.0	2.7	0.2	0.0	7.2	10.7
WSW	0.5	2.2	4.8	5.3	0.8	0.0	13.6	11.0
W	0.8	14.5	7.1	1.1	0.1	0.0	23.7	6.8
WNW	1.0	11.5	11.7	0.8	0.0	0.0	25.0	7.0
NW	0.5	0.9	1.1	0.1	0.0	0.0	2.7	6.8
NNW	0.3	0.9	0.5	0.1	0.0	0.0	1.8	5.9
TOTAL	6.3	46.5	35.3	10.6	1.2	0.1	****	7.5

RROSE WIND ROSE DATA FOR SITE: 4 10-M LEVEL

6/ 1/76 - 8/31/76

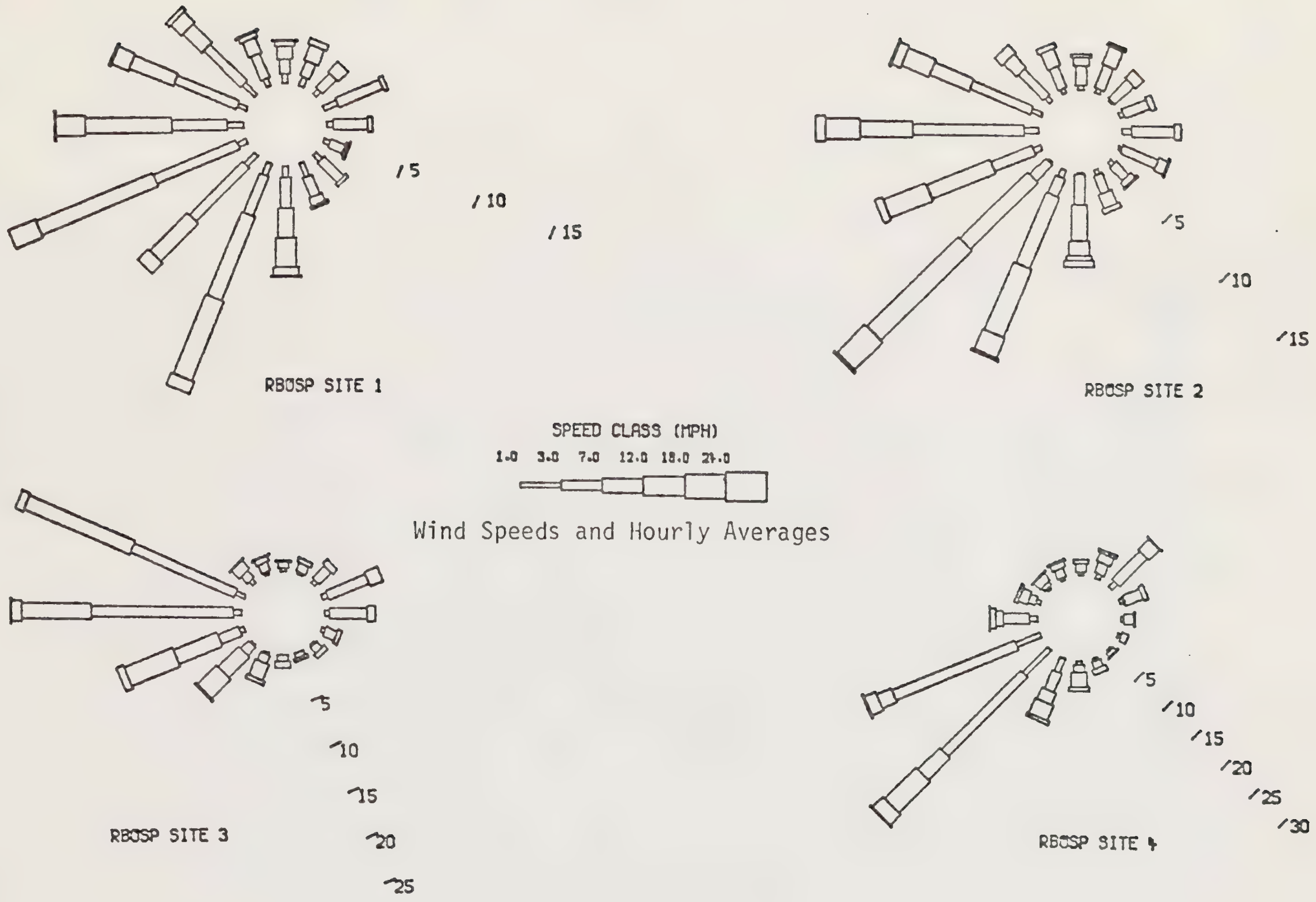
DIR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.0	0.5	0.0	0.0	0.0	1.9	5.4
NNE	0.6	1.4	1.1	0.4	0.0	0.0	3.5	6.6
NE	0.9	4.8	1.8	0.2	0.0	0.0	7.7	5.9
ENE	0.7	2.4	0.6	0.0	0.0	0.0	3.8	4.9
E	0.4	1.2	0.2	0.0	0.0	0.0	1.9	4.8
ESE	0.4	0.8	0.0	0.0	0.0	0.0	1.2	4.0
SE	0.2	0.5	0.2	0.0	0.0	0.0	0.9	5.0
SSE	0.3	0.9	0.7	0.0	0.0	0.0	1.9	6.3
S	0.5	0.9	1.8	0.5	0.0	0.0	3.7	8.1
SSW	1.8	2.5	1.5	1.9	0.5	0.0	8.2	8.4
SW	4.3	13.6	3.8	5.3	1.8	0.2	29.1	7.8
WSW	3.2	16.1	1.9	1.5	0.2	0.0	22.9	5.4
W	1.0	3.2	0.9	0.7	0.1	0.0	5.9	6.0
WNW	0.6	0.9	1.1	0.4	0.0	0.0	3.0	7.2
NW	0.3	0.5	1.1	0.1	0.0	0.0	2.1	7.3
NNW	0.3	1.1	0.7	0.2	0.0	0.0	2.3	6.7
TOTAL	15.9	51.9	18.0	11.2	2.7	0.2	99.9	6.6

SECTION B.4

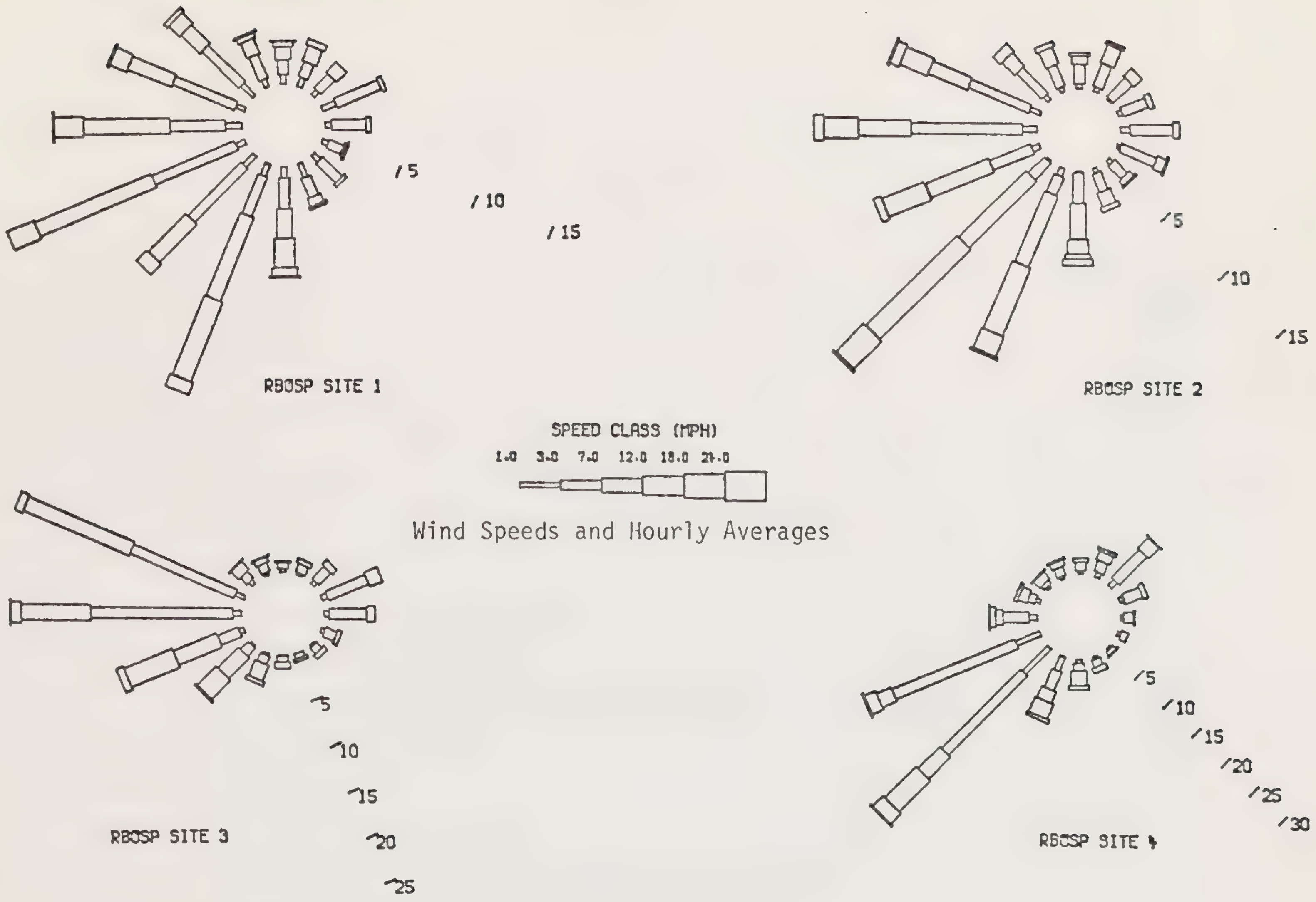
WIND ROSE PLOTS
SUMMER 1976

Circular divisions represent percent of occurrence of wind speed class.

B.4-1 to B.4-6



SUMMER 1976 (JUNE, JULY, AUGUST) WIND ROSES FOR THE 10-METER LEVEL
FOR SITES 1, 2, 3, AND 4, RBOSP



SUMMER 1976 (JUNE, JULY, AUGUST) WIND ROSES FOR THE 10-METER LEVEL
FOR SITES 1, 2, 3, AND 4, RBOSP

SECTION B.5

JOINT FREQUENCY DISTRIBUTION BETWEEN WIND SPEED, WIND DIRECTION, AND ATMOSPHERIC STABILITY AT SITE 1

SUMMER 1976

B.5-1 to B.5-7

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX A

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.00	0.09	0.05	0.00	0.00	0.14	9.70
NNE	0.00	0.14	0.19	0.05	0.00	0.00	0.38	8.87
NE	0.00	0.00	0.28	0.00	0.00	0.00	0.28	10.05
ENE	0.00	0.05	0.14	0.00	0.00	0.00	0.19	7.61
E	0.00	0.05	0.05	0.00	0.00	0.00	0.09	5.99
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SE	0.00	0.00	0.05	0.00	0.00	0.00	0.05	7.43
SSE	0.00	0.00	0.14	0.00	0.00	0.00	0.14	8.55
S	0.00	0.05	0.43	0.85	0.05	0.00	1.38	13.15
SSW	0.00	0.00	1.42	2.84	0.14	0.00	4.41	13.27
SW	0.00	0.00	1.33	0.66	0.00	0.00	1.99	11.31
WSW	0.00	0.05	0.90	0.24	0.00	0.00	1.19	10.26
W	0.00	0.14	0.71	0.14	0.00	0.09	1.09	11.13
WNW	0.00	0.00	0.47	0.24	0.00	0.00	0.71	11.16
NW	0.00	0.14	0.43	0.09	0.05	0.00	0.71	9.59
NNW	0.00	0.05	0.33	0.14	0.00	0.00	0.52	9.77
TOTAL	0.00	0.66	6.97	5.31	0.24	0.09	13.28	11.64
AVG SPD	0.00	6.24	9.71	14.23	19.37	26.38	11.64	11.64

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

```
                    R.B.O.S.P. SITE 1

    THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
                      FOR STABILITY INDEX  B


   PERIOD OF RECORD-SUMMER 1976 10ML


            1-3       3-7      7-12      12-18     18-24     24-UP          TOTAL      AVG SPD
                                                                                          MPH

  N         0.00      0.19      0.05      0.00      0.00      0.00           0.24       6.40

NNE         0.00      0.05      0.19      0.05      0.00      0.00           0.28       9.69

 NE         0.00      0.05      0.05      0.00      0.00      0.00           0.09       6.71

ENE         0.00      0.14      0.05      0.00      0.00      0.00           0.19       6.51

  E         0.00      0.00      0.05      0.00      0.00      0.00           0.05       8.00

ESE         0.00      0.00      0.05      0.00      0.00      0.00           0.05       8.06

 SE         0.00      0.05      0.09      0.00      0.00      0.00           0.14       7.65

SSE         0.00      0.05      0.00      0.00      0.00      0.00           0.05       6.02

  S         0.00      0.05      0.28      0.24      0.14      0.00           0.71      13.54

SSW         0.00      0.05      0.43      0.76      0.05      0.00           1.28      12.84

 SW         0.00      0.09      0.19      0.09      0.00      0.00           0.38       9.37

WSW         0.00      0.00      0.38      0.24      0.00      0.00           0.62      11.32

  W         0.00      0.09      0.52      0.28      0.00      0.00           0.90      10.47

WNW         0.00      0.00      0.14      0.09      0.00      0.00           0.24      10.55

 NW         0.00      0.05      0.24      0.19      0.05      0.00           0.52      11.62

NNW         0.00      0.05      0.14      0.05      0.00      0.00           0.24      10.01

TOTAL       0.00      0.90      2.84      1.99      0.24      0.00           5.97      10.92

AVG SPD     0.00      5.87      9.43     14.27     19.90      0.00          10.92      10.92



 NUMBER OF CALM HOURS       -     0
   NUMBER OF MISSING HOURS -   123
NUMBER OF HOURS OF DATA - 2085
```

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX C

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.05	0.09	0.00	0.00	0.00	0.14	7.61
NNE	0.00	0.14	0.09	0.00	0.00	0.00	0.24	7.02
NE	0.00	0.14	0.09	0.00	0.00	0.00	0.24	6.74
ENE	0.00	0.14	0.05	0.00	0.00	0.00	0.19	6.90
E	0.00	0.19	0.14	0.00	0.00	0.00	0.33	7.12
ESE	0.00	0.05	0.00	0.00	0.00	0.00	0.05	4.94
SE	0.00	0.05	0.00	0.00	0.00	0.00	0.05	6.71
SSE	0.00	0.14	0.09	0.05	0.00	0.00	0.28	8.03
S	0.00	0.05	0.24	0.19	0.09	0.00	0.57	13.02
SSW	0.00	0.09	0.43	0.47	0.05	0.00	1.04	12.14
SW	0.00	0.14	0.14	0.09	0.00	0.00	0.38	9.60
WSW	0.00	0.14	0.52	0.24	0.00	0.00	0.90	10.01
W	0.00	0.19	0.71	0.19	0.00	0.00	1.09	9.19
WNW	0.00	0.05	0.28	0.19	0.00	0.00	0.52	10.66
NW	0.00	0.19	0.24	0.19	0.00	0.00	0.62	9.72
NNW	0.00	0.19	0.14	0.00	0.00	0.00	0.33	6.27
TOTAL	0.00	1.94	3.27	1.61	0.14	0.00	6.97	9.65
AVG SPD	0.00	5.86	9.18	14.12	21.56	0.00	9.65	9.65

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

P.R.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX D

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.05	0.28	0.33	0.19	0.09	0.00	0.95	9.62
NNE	0.00	0.33	0.38	0.14	0.00	0.00	0.85	8.24
NE	0.19	0.85	0.43	0.00	0.00	0.00	1.47	5.79
ENE	0.24	1.94	0.05	0.00	0.00	0.00	2.23	4.65
E	0.09	1.47	0.05	0.00	0.00	0.00	1.61	4.96
ESE	0.09	0.62	0.09	0.05	0.00	0.00	0.85	5.49
SE	0.09	1.04	0.09	0.00	0.00	0.00	1.23	4.85
SSE	0.28	0.66	0.14	0.14	0.00	0.00	1.23	5.65
S	0.19	0.81	0.43	0.43	0.19	0.14	2.18	10.24
SSW	0.05	0.71	1.28	0.66	0.43	0.00	3.13	11.01
SW	0.05	0.33	0.71	0.09	0.00	0.00	1.19	8.48
WSW	0.05	1.09	0.95	0.28	0.00	0.00	2.37	8.36
W	0.09	0.28	0.38	0.52	0.05	0.00	1.33	10.28
WNW	0.00	0.28	0.38	0.38	0.09	0.00	1.14	11.15
NW	0.09	0.38	0.24	0.33	0.14	0.00	1.19	10.41
NNW	0.05	0.38	0.24	0.14	0.05	0.00	0.85	8.26
TOTAL	1.61	11.47	6.16	3.37	1.04	0.14	23.80	8.11
AVG SPD	2.39	4.96	9.48	14.70	20.05	24.61	8.11	8.11

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX E

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.43	0.28	0.19	0.05	0.00	0.00	0.95	4.80
NNE	0.52	0.19	0.14	0.14	0.00	0.00	1.00	5.27
NE	0.14	0.09	0.05	0.00	0.00	0.00	0.28	3.98
ENE	0.47	0.52	0.05	0.00	0.00	0.00	1.04	3.60
E	0.19	0.33	0.00	0.00	0.00	0.00	0.52	3.41
ESE	0.28	0.19	0.05	0.00	0.00	0.00	0.52	3.47
SE	0.33	0.47	0.00	0.00	0.00	0.00	0.81	3.69
SSE	0.43	0.38	0.09	0.00	0.00	0.00	0.90	3.52
S	0.52	0.62	0.28	0.00	0.00	0.00	1.42	4.35
SSW	0.57	1.04	1.94	0.47	0.09	0.00	4.13	7.95
SW	0.57	3.13	0.71	0.00	0.00	0.00	4.41	5.25
WSW	0.52	2.84	2.13	0.33	0.00	0.00	5.83	6.86
W	0.90	2.04	1.14	0.38	0.00	0.00	4.46	6.08
WNW	0.57	2.56	0.57	0.09	0.00	0.00	3.79	4.97
NW	0.90	1.80	0.14	0.14	0.00	0.00	2.99	4.43
NNW	0.24	0.81	0.19	0.00	0.05	0.00	1.28	4.85
TOTAL	7.59	17.31	7.68	1.61	0.14	0.00	34.33	5.59
AVG SPD	2.30	4.75	8.90	13.21	19.12	0.00	5.59	5.59

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX F

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.14	0.14	0.05	0.00	0.00	0.00	0.33	4.13
NNE	0.05	0.09	0.05	0.00	0.00	0.00	0.19	5.11
NE	0.09	0.09	0.00	0.00	0.00	0.00	0.19	3.76
ENE	0.14	0.09	0.00	0.00	0.00	0.00	0.24	3.10
E	0.09	0.09	0.00	0.00	0.00	0.00	0.19	3.16
ESE	0.00	0.05	0.05	0.05	0.00	0.00	0.14	8.93
SE	0.09	0.05	0.00	0.00	0.00	0.00	0.14	2.94
SSE	0.14	0.05	0.00	0.00	0.00	0.00	0.19	2.75
S	0.00	0.38	0.09	0.05	0.00	0.00	0.52	6.33
SSW	0.19	0.52	0.00	0.00	0.00	0.00	0.71	4.63
SW	0.24	0.90	0.19	0.00	0.00	0.00	1.33	5.39
WSW	0.00	1.14	2.47	0.38	0.05	0.00	4.03	8.33
W	0.00	0.66	1.71	0.19	0.00	0.00	2.56	8.85
WNW	0.05	1.19	0.90	0.09	0.05	0.05	2.32	7.80
NW	0.05	0.66	0.14	0.00	0.00	0.00	0.85	5.61
NNW	0.19	0.14	0.00	0.00	0.00	0.00	0.33	3.00
TOTAL	1.47	6.26	5.64	0.76	0.09	0.05	14.27	7.18
AVG SPD	2.41	5.25	9.34	13.32	22.43	24.49	7.18	7.18

NUMBER OF CALM HOURS - 0
MBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX G

PERIOD OF RECORD-SUMMER 1976 10ML

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NNE	0.00	0.05	0.00	0.00	0.00	0.00	0.05	3.15
NE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ESE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SE	0.00	0.05	0.00	0.00	0.00	0.00	0.05	3.86
SE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSW	0.00	0.14	0.05	0.00	0.00	0.00	0.19	7.34
SW	0.00	0.05	0.00	0.00	0.00	0.00	0.05	5.10
WSW	0.00	0.24	0.33	0.00	0.00	0.00	0.57	7.59
W	0.00	0.00	0.14	0.00	0.00	0.00	0.14	10.23
WNW	0.00	0.00	0.14	0.00	0.00	0.00	0.14	9.64
NW	0.00	0.00	0.14	0.00	0.05	0.00	0.19	11.81
NNW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.52	0.81	0.00	0.05	0.00	1.38	8.25
AVG SPD	0.00	5.56	9.18	0.00	22.10	0.00	8.25	8.25

NUMBER OF CALM HOURS - 0
MBER OF MISSING HOURS - 123
NUMBER OF HOURS OF DATA - 2085

SECTION B.6

UPPER AIR DATA LISTINGS
SUMMER 1976

Upper air studies not performed in the Summer quarter.

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS
SUMMER 1976

B.7-1 to B.7-2

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

June 1976

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	97.8	94.2	97.6	97.6
WD10	97.8	97.8	97.6	97.6
AT10	97.8	97.8	97.6	97.6
PREC	99.9	99.9	99.9	100.0
RH10	97.8			
SG10	92.7			
WS30	97.8			
WD30	97.8			
AT30	97.8			
WS60	97.8			
WD60	97.8			
ΔT(10-60)	97.5			
SI	97.8			

July 1976

Parameters				
WS10	85.9	86.0	86.2	85.1
WD10	85.9	86.0	86.2	85.1
AT10	85.9	86.0	86.2	86.0
PREC	100.0	100.0	99.5	100.0
RH10	85.9			
SG10	69.6			
WS30	85.9			
WD30	85.9			
AT30	85.9			
WS60	85.9			
WD60	85.9			
ΔT(10-60)	85.9			
SI	85.9			

August 1976

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	100.0	100.0	100.0	100.0
WD10	100.0	100.0	100.0	100.0
AT10	100.0	100.0	100.0	100.0
PREC	100.0	99.6	99.9	99.9
RH10	100.0			
SG10	99.3			
WS30	100.0			
WD30	100.0			
AT30	100.0			
WS60	100.0			
WD60	100.0			
ΔT(10-60)	100.0			
SI	100.0			

NOTE: Percentage values are adjusted for calibration or Force Majeure outages. Values represent the percent of time continuously monitored parameters were measured.

WS10	Wind Speed at the 10-m level (mph)
WD10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WD30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WD60	Wind Direction at the 60-m level (degrees)
ΔT60	Temperature Difference (T) between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)

RIO BLANCO OIL SHALE PROJECT TRACT C-a
ENVIRONMENTAL BASELINE
DATA ACCUMULATION PROGRAM
AMBIENT SOUND SURVEY
SUMMER

PREPARED FOR
RIO BLANCO OIL SHALE PROJECT
DAYTON COMMONS
9925 EAST HAMPDEN AVENUE
DENVER, COLORADO

PREPARED BY
DAMES & MOORE
605 PARFET STREET
DENVER, COLORADO

OCTOBER, 1976

REFERENCE: 6628-001-14

ANCHORAGE
ATLANTA
BETHESDA
BILLINGS
BOCA RATON
BOSTON
CHICAGO
CINCINNATI
CRANFORD
DENVER
[illegible]RBANKS
HONOLULU
HOUSTON
LOS ANGELES
NEW ORLEANS
NEW YORK
PHOENIX
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CABLE: DAMEMORE
TWX: 910-931-2600

October 12, 1976

Rio Blanco Oil Shale Project
Dayton Commons
9725 East Hampden Avenue
Denver, Colorado 80231

Attention: Mr. S. H. Miller

Gentlemen:

Re: Baseline Acoustics Survey

Dames & Moore is pleased to submit this final report which describes the results of the summer sound level survey at Tract C-a. It contains revisions based upon the letter dated October 6 from CDM Limnetics to Dames & Moore and upon agreement reached during subsequent telephone conferences between Frederick Kessler of Dames & Moore and Ms. Rosielea Gash of CDM Limnetics.

This survey, taken during the period August 24 through 26, 1976, was accomplished in accordance with terms of the August 19, 1976 agreement between Gulf-Standard and Dames & Moore. Twenty-four integrated average sound levels are provided for ten octave bands and the A-weighted sound level at four measurement locations at and near the tract.

It has been a pleasure for Dames & Moore to assist you on this project. Please do not hesitate to contact us if you have further questions or require additional information. We would like to provide our services to Rio Blanco Oil Shale Project in similar surveys in the future as required.

Very truly yours,

DAMES & MOORE

F. David Bailly
F. David Bailly
Partner

FM Kessler
Frederick M. Kessler
Associate

FDB:FMK:lb

cc: Clayton S. Gist, Ph.D.
Rosielea Gash

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3.0	DATA ANALYSIS	6
4.0	RESULTS	7
	APPENDIX A	15
	APPENDIX B	17

1.0 SUMMARY

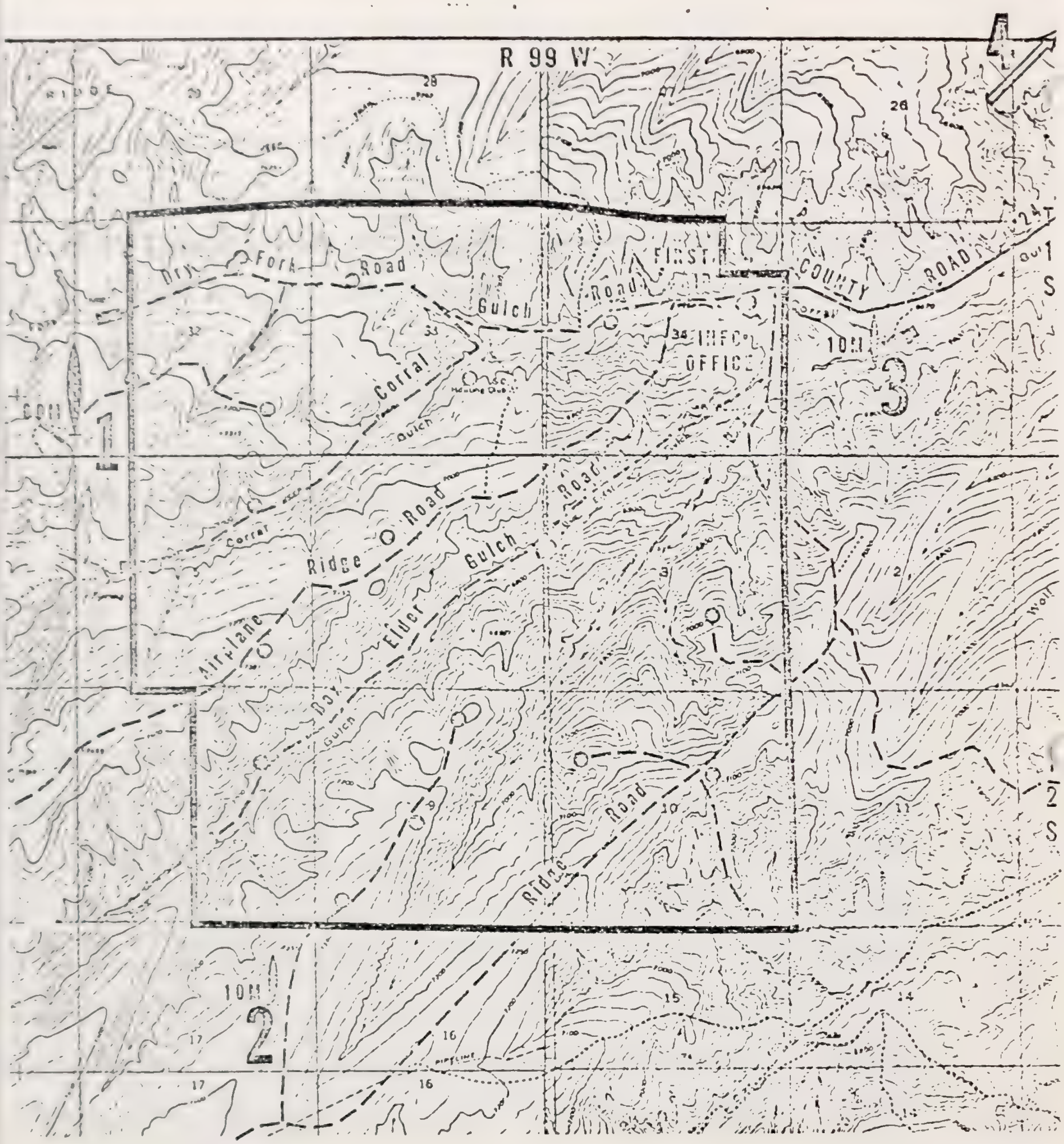
Sound level measurements were made at Rio Blanco Oil Shale Project Tract C-a during the period August 24 through August 26, 1976 at the four air sampling measurement locations (air quality towers) shown in Figure 1. Sound level samples, obtained over 22-minute sampling periods during morning, afternoon, evening, and nighttime, were used to calculate the 24-hour integrated average for ten octave bands and A-weighted sound level. A summary of the results is shown in Table 1. A discussion of the nomenclature used in this report is presented in Appendix A.

2.0 DATA ACQUISITION

A summer background ambient sound level survey was conducted at the Rio Blanco Oil Shale Project Tract C-a. Measurements were made over the period August 24 through August 26, 1976, during morning (*0700-1200), afternoon (*1200-1800), evening (*1800-2200), and nighttime (*2200-0700) hours at and near the air quality towers shown in Figure 1. Because air monitoring equipment which generates noise is associated with these towers, the measurements actually were made at distances of approximately 100 meters from the towers where the noise generated by this equipment did not predominate. The topography of the four locations at which measurements were taken was characterized by rolling hills, sparsely covered with brush.

The data acquisition system consisted of a General Radio omnidirectional one-inch electret condenser microphone with windscreen, a General Radio Type 1933 Sound Level Meter and Octave Band Analyzer, and

*Note: All times are Mountain Daylight Time (MDT)



LEGEND

- ▬ TRACT OUTLINE
- ○ DRILL HOLES
- ▭ STREAM GAGING STATIONS
- AIR QUALITY TOWERS
- ═ ROADS

GULF - STANDARD (INDIANA)

RIO BLANCO OIL SHALE PROJECT

TRACT C-a

RIO BLANCO COUNTY, COLORADO

0 3000

DAMES & MOORE

FIGURE 1

TABLE 1

SUMMARY OF AMBIENT SOUND DATA OF 24 HOUR PERIOD
RIO BLANCO TRACT C-a - AUGUST 24 THROUGH AUGUST 26, 1976

24-hour Integrated Average*

Octave Band	Location 1			Location 2			Location 3			Location 4		
Center Freq. Hz	L_{95}	L_{eq}	L_5	L_{95}	L_{eq}	L_5	L_{95}	L_{eq}	L_5	L_{95}	L_{eq}	L_5
31.5	47.3	64	70.3	53.9	68.1	73.3	37	56.3	62.9	36.4	47.9	55.1
63	46.2	52.7	57.6	46.4	55.7	61.2	42.8	47	50.7	41.1	41.8	44.6
125	32.8	43.5	48.6	34.1	45.6	50.9	32.1	41.6	46.3	29.7	35.6	40.9
250	33.2	37.1	40.8	33.7	37.8	42.6	30.2	37	41.8	26.1	30.6	36.4
500	32.6	34.9	33.6	31.7	32.3	33.7	29.1	31.6	32.6	24	25.7	29.7
1000	32.2	32.8	32.2	31.7	31.7	31.7	29.1	30.1	29.3	24	24.2	24.8
2000	32.2	32.9	32.3	31.7	31.7	31.7	29.1	29.5	29.1	24	24	24
4000	32.2	32.6	33.1	31.7	31.8	31.8	29.1	29.3	29.1	24	24	24
8000	32.2	33	34.7	31.7	31.8	31.9	29.1	29.2	29.1	24	24	24
16000	32.2	32.3	32.5	31.7	31.7	31.9	29.1	29.1	29.1	24	24.2	24
A-wt	31.3	37.8	40.1	31.8	36.9	41.1	29	34.5	39.5	25.9	29.1	33.2
L_{dn}		42			45			36.7			34.1	

---

*See Appendix A for a discussion of nomenclature a Nagra 4.2L single track magnetic tape recorder. The General Radio Type 1933 Sound Level Meter and Octave Band Analyzer was used as a linear amplifier and step attenuator. Ambient sound was recorded on Scotch 177 magnetic tape. A schematic diagram of the data acquisition system is shown in Figure 2. The General Radio Type 1933 Sound Level Meter is equipped with a linear amplifier having a claimed minimum A-weighted sound level floor of 22 dBA. Thus, the recorded signal is amplified and transmitted to the tape recorder with fidelity. The manufacturer's specifications cite a dynamic range of greater than 60 decibels (dB) with the unit set to scale values used for this data acquisition program.

The system was calibrated before each recording with a reference signal at 1000 Hertz (Hz) of 114 dB generated by a General Radio Type 1562A Sound Level Calibrator.

The microphone was mounted on a tripod four feet above the ground surface and at least ten feet from any sizable sound reflecting surfaces in order to avoid major interference with sound propagation. Ambient sound recordings were made for 22 minutes.

The meteorological parameters of temperature, humidity, and wind speed and direction were noted during each recording period. If high relative humidity (over 90 percent) or excessive wind speed (over six meters per second) occurred during the measurement period, the recording session was terminated. The sensitivity of the microphone used with the sound level meter is severely degraded at very high relative humidities.

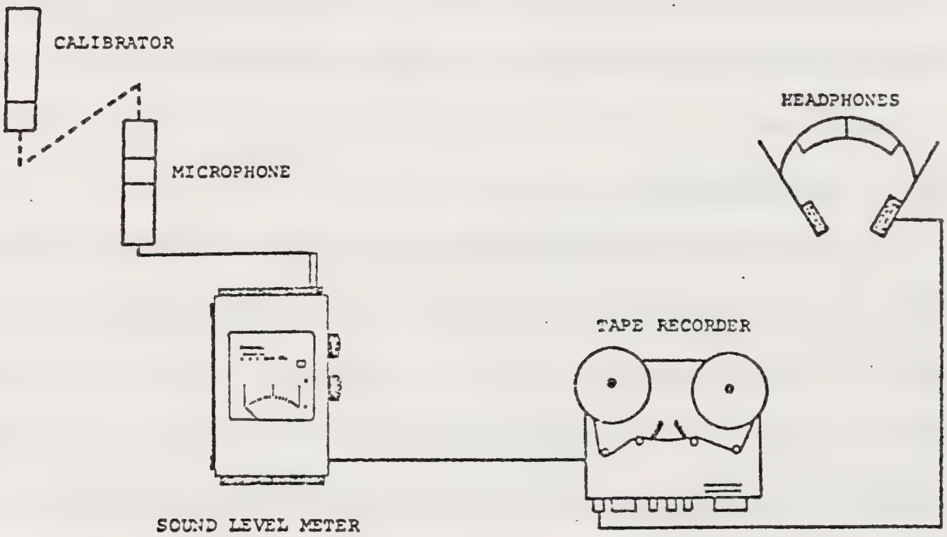


FIGURE 2 Data Acquisition System

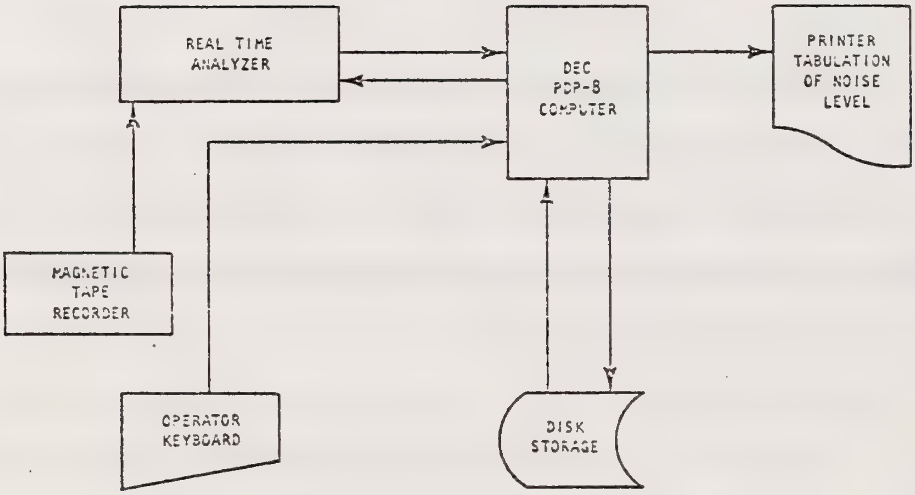


FIGURE 3 Data Analysis System

The acceptable upper limit for the meter is 90 percent relative humidity. Wind induced microphone noise becomes excessive at wind speeds exceeding 6 meters per second even if a windscreen is used.

3.0 DATA ANALYSIS

The tape recorded ambient sound level data were returned to the Dames & Moore acoustical laboratory for analysis. One reel of Scotch 177 tape was used for each recording. Location, date, time and sound level meter setting were recorded on tape to identify reels during laboratory analysis. The data analysis system shown schematically in Figure 3 consisted of a GenRad Real Time Analyzer controlled by a Digital Equipment Corporation PDP-8/e mini computer. Statistical data analyses were performed for ten octave bands, 31.5, 63, 125, 250, 500, 1000, 2000, 4000, 8000, 16,000 Hz and for the A-weighted sound level.

During the recording sessions, any unusual intrusions, such as wind pop over the microphone or clipping due to overloads, were noted by the engineer monitoring the signal input to the tape. Because these intrusions are not characteristic of the acoustic environment, they were deleted during the analysis phase.

A statistical analysis was performed for each magnetic tape recording of ambient sound. These analyses are presented in the form of a statistical summary table, an A-weighted sound level histogram, and an A-weighted sound level cumulative distribution. The histogram indicates the percentage of time a particular sound level occurred during the measurement period while the cumulative distribution table indicates the percentage of time a particular sound level was exceeded. An average sound level is provided for each octave band and the A-weighted sound level. This average was obtained by arithmetically averaging the acoustical energy in the ambient sound and not by arithmetically averaging the sound levels (in decibels). This average is sometimes known as the Equivalent Sound Level, noted by the descriptor, L_{eq}. This parameter and other nomenclature are discussed in Appendix A.

4.0 RESULTS

The analysis results, in the form of computer printouts for each magnetic tape, are presented in Appendix B. Summaries of these data used in the 24-hour integrated average for each location are presented in Tables 2 through 5. The data shown in these tables represent the average morning, afternoon, evening, and nighttime periods obtained from the recordings, in addition to the 24-hour integrated average, $L_{eq(24)}$ and the Day/Night Equivalent Sound Level, L_{dn}. This latter descriptor is used by the U. S. Environmental Protection Agency (EPA) to describe ambient sound. The EPA has identified various levels of Day/Night Equivalent Sound Level for land uses below which no degradation of public health and welfare is anticipated. It is evident, from Table 1, that L_{dn} values are below the EPA criteria (L_{dn} = 55 dB) which ensures non-degradation of public health and welfare.

Table 6, containing data for Location 3, is presented to indicate the effect of wind on ambient sound. Note that low frequency sound pressure levels (31.5 and 63 Hz) are high when compared with values shown in

Table 4. This results in the 24-hour integrated average sound levels, particularly the A-weighted sound level, to be about 10 dB higher on a windy day. The data presented in the summary of 24-hour integrated averages, Table 1, are for a non-wind condition. Table 7 shows the meteorological conditions occurring during data acquisition periods that were used for the 24-hour integrated averages. The Location 3 data that were not used to construct the averages, are shown as a comparison.

TABLE 2

SUMMARY OF AMBIENT SOUND DATA
RIO BLANCO TRACT C-a
AUGUST 24 THROUGH AUGUST 25, 1976
Location 1

Octave Band Center Frequencies Hz	Average Sound Level -dB Morning (1045) B-1	Afternoon (1440) B-5	Evening (2100) B-14	Nighttime (2250) B-16	$L_{eq}(24)$ dB	L_{dn} dB
31.5	53.5	68.6	53.7	62.3	64	
63	49.2	56.7	41.5	51.1	52.7	
125	41.9	47.9	29.3	40	43.5	
250	33.2	40.9	26.1	36.2	37.1	
500	26.9	39	24.1	34	34.9	
1000	24	37.4	24.1	34	33.8	
2000	24.6	35.5	24	34	32.9	
4000	28.2	34.5	24	34	32.6	
8000	32.4	34.1	24	34	33	
16000	26.4	34	24.1	34	32.3	
A-wt	35.7	42.1	25.7	34.6	37.8	42

TABLE 3

SUMMARY OF AMBIENT SOUND DATA
RIO BLANCO TRACT C-a
AUGUST 24 THROUGH AUGUST 25, 1976
Location 2

Octave Band Center Frequencies Hz	Average Sound Level -dB					
	Morning (0950) B-8	Afternoon (1325) B-4	Evening (2145) B-15	Nighttime (2340) B-17	Leq(24) dB	L_{dn} dB
31.5	55.8	57.9	70	70.9	68.1	
63	44.7	45.9	58	58.3	55.7	
125	36.5	37.8	48.5	47.7	45.6	
250	30.7	32	41.2	39.3	37.8	
500	24.9	26.7	34.9	34.2	32.3	
1000	24.1	24.9	34	34	31.7	
2000	24	25.1	34	34	31.7	
4000	24	25.4	34	34	31.8	
8000	24	25.3	34	34	31.8	
16000	24	25	34	34	31.7	
A-wt	29.1	30.6	39.5	39	36.9	45

TABLE 4

SUMMARY OF AMBIENT SOUND DATA
RIO BLANCO TRACT C-a
AUGUST 24 THROUGH AUGUST 26, 1976
Location 3

Octave Band Center Frequencies Hz	Average Sound Level -dB Morning (1135) B-2	Afternoon (1615) B-7	Evening (2020) B-13	Nighttime (0045) B-18	$L_{eq}(24)$ dB	L_{dn} dB
31.5	56.4	59.4	58.3	38.7	56.3	
63	46.7	50.5	46.8	41	47	
125	43.8	43	43.3	33.2	41.6	
250	39.6	38.2	39.1	25.4	37	
500	31.3	35.5	30.6	24.3	31.6	
1000	24.4	35	26.2	24.1	30.1	
2000	24	34.4	25.5	24	29.5	
4000	24	34.2	24.8	24	29.3	
8000	24.1	34	24.8	24	29.2	
16000	24	34	24.5	24	29.1	
A-wt	35.4	37.8	33.5	27.4	34.5	36.7

TABLE 5

SUMMARY OF AMBIENT SOUND DATA
RIO BLANCO TRACT C-a
AUGUST 24 THROUGH AUGUST 26, 1976
Location 4

Octave Band Center Frequencies Hz	Average Sound Level -dB Morning (0630) B-20	Afternoon (1230) B-3	Evening (1945) B-12	Nighttime (0200) B-19	$L_{eq}(24)$ dB	L_{dn} dB
31.5	35.9	53.7	39.7	35.2	47.9	
63	40.9	44	41.8	40.1	41.8	
125	29.5	40	35.5	29.6	35.6	
250	25.4	32.7	34.5	25.9	30.6	
500	24.8	26.1	26.6	25.5	25.7	
1000	24.3	24.1	24.2	24.1	24.2	
2000	24	24	24	24	24	
4000	24	24	24	24	24	
8000	24	24	24	24	24	
16000	24	24	24.1	24.4	24.2	
A-wt	27.8	30.9	30.6	27.2	29.1	34.1

TABLE 6

SUMMARY OF AMBIENT SOUND DATA
RIO BLANCO TRACT C-a
AUGUST 25 THROUGH AUGUST 26, 1976
Location 3 (Special)

Octave Band Center Frequencies Hz	Average Sound Level -dB					
	Morning (1030) B-24	Afternoon (1410) B-9	Evening (2130) B-27	Nighttime (2300) B-29	$L_{eq}(24)$ dB	L_{dn} dB
31.5	75.9	72.4	42	42.4	71	
63	65.4	61.3	40.8	39.8	60.3	
125	57.2	51.3	37.4	35	51.6	
250	52.4	45.3	28.8	25.1	46.5	
500	44.5	43.2	25.4	24.1	40.5	
1000	42.4	40.3	24.3	24.1	38.1	
2000	41.2	39.5	24	24	37.1	
4000	40.2	40.2	24	24	36.9	
8000	38.6	40.2	24	24	36.4	
16000	39.6	41	24.5	24.2	37.2	
A-wt	49.7	44	28.8	27.2	44.2	44.4

TABLE 7

ENVIRONMENTAL METEOROLOGICAL DATA
AT RIO BLANCO OIL SHALE PROJECT TRACT C-a
AUGUST 24 THROUGH AUGUST 26, 1976
RELATING TO SOUND SURVEY PERIODS PRESENTED IN TABLES 2 THROUGH 6

LOCATION	PERIOD	TEMP °C	RELATIVE HUMIDITY Percent	WIND VELOCITY km/hr	WIND DIRECTION
1	morning	20	34	3-5	variable
	afternoon	27.8	17	6-8	variable
	evening	19.4	15	0-5	NW
	nighttime	18.9	10	5-8	NW
2	morning	21.1	25	6-8	variable
	afternoon	26.7	26	6-10	variable
	evening	20	16	6-9	NW
	nighttime	18.9	17	7-10	NW
3	morning	22.2	31	0-2	variable
	afternoon	29.4	17	8-10	variable
	evening	17.2	25	2-6	NW
	nighttime	9.4	67	0-5	NW
3*	morning	27.8	20	8-10	NW
	afternoon	27.8	17	2-8	variable
	evening	13.9	88	0-5	NW
	nighttime	13.9	82	0-3	NW
4	morning	4.4	68	0-2	NW
	afternoon	26.1	24	3-5	NW
	evening	13.3	57	0-2	NW
	nighttime	5.5	62	0-2	NW

*wind

APPENDIX A

NOMENCLATURE

The human ear is capable of registering sound pressures over a very large range. This range extends from two ten-thousand-millionths (2×10^{-10}) of an atmosphere for sounds barely audible to the human ear to two one-thousandths (2×10^{-3}) of an atmosphere for sounds which are loud enough to be painful. The decibel notation system is used to present sound levels over this wide physical range, and, essentially, compresses this range to a workable range using logarithms. The decibel notation system is defined as shown below:

$$\text{Sound pressure in decibels (dB)} = 20 \operatorname{Log}_{10}\left(\frac{P}{P_o}\right)$$

P_o is a reference sound pressure required for a minimum sensation of hearing and P is the measured sound pressure. Zero decibels is assigned to this minimum level and 140 decibels to sound which is painful, thus expressing a range of more than one million on a scale of zero to 140.

The human ear does not perceive sounds at low frequencies in the same manner as it perceives sounds at higher frequencies. Sounds of equal intensity at low frequency do not seem as loud as those at higher frequencies. Thus, the A-weighting network is provided in sound analysis systems to simulate the human ear. A-weighted sound levels are expressed in units of dBA. These levels in dBA are used by the engineer to evaluate hearing damage risk as defined by the Occupational Safety and Health Administration (OSHA) or community annoyance impact. These values are also used in federal, state and local noise regulations and guidelines.

Sound is not constant in time. Statistical analysis is used to describe the temporal distribution of sound and to compute single number descriptors for the time-varying sound. This report contains the statistical A-weighted sound levels:

L_x - The sound level exceeded X% of the time during the measurement period. For example, L_{95} is the sound level exceeded 95 percent of the time.

L_{eq} - The average (or equivalent) sound level which provides an equal amount of acoustic energy as the time varying sound. Mathematically, it can be represented as:

$$L_{eq} = 10\ \mathrm{Log}_{10}\ \left\{ \left(\frac{1}{T}\right) \int_0^T (P^2\ (t)/P_o^2)dt \right\}\ \mathrm{dB}$$

For 24-hour integrated average,

$$L_{eq} = 10\ \mathrm{Log}_{10}\ \left\{ \left(\frac{1}{24}\right) \quad (5\mathrm{x}10^{L_m/10} + 6\mathrm{x}10^{L_a/10} + 4\mathrm{x}10^{L_e/10} + 9\mathrm{x}10^{L_n/10}) \right\}$$

L_m, L_a, L_e, L_n are average sound levels for morning, afternoon, evening, and nighttime periods.

$L_{eq(T)}$ - The average sound level for the time period T. For example, $L_{eq(24)}$ is the 24-hour integrated average sound level.

L_{dn} - The Day/Night Equivalent Sound Level. It is similar to $L_{eq(24)}$ with all nighttime sound levels penalized by the addition of 10 decibels. It can be expressed as

$$L_{dn} = 10\ \mathrm{Log}_{10}\ \left\{ \left(\frac{1}{24}\right)\ (15\mathrm{x}10^{L_d/10} + 9\mathrm{x}10^{L_n+10)\ /10} \right\}\ \mathrm{dB}$$

where L_d = Day L_{eq} (0700-2200)

L_n = Nighttime L_{eq} (2200-0700)

APPENDIX B

This appendix includes detailed results of the ambient sound level survey conducted during August 24 through 26, 1976. Data were collected at four locations shown on Figure 1 during morning (*0700-1200), afternoon (*1200-1800), evening (*1800-2200) and nighttime (*2200-0700) periods.

Figures B-1 through B-30 contain an A-weighted sound level histogram, indicating the number of times a particular sound level occurred during the measurement period, and the cumulative distribution of the A-weighted sound levels, indicating the percentage of time a sound level was exceeded. Also included are the cumulative distribution and L_{eq} of the sound pressure levels at octave band center frequencies. Table B-1 on the next page presents a chronological summary of figure numbers and measurement periods for each of the four locations.

Note: All times are Mountain Daylight Time (MDT)

TABLE B-1

CHRONOLOGICAL ORDER OF COLLECTION PERIODS

Figure	Location	Time	Date
B-1	1	1045	8-24
B-2	3	1135	8-24
B-3	4	1230	8-24
B-4	2	1325	8-24
B-5	1	1440	8-24
B-6	4	1530	8-24
B-7	3	1615	8-24
B-8	2	0950	8-25
B-9	3	1410	8-25
B-10	2	1515	8-25
B-11	1	1610	8-25
B-12	4	1945	8-25
B-13	3	2020	8-25
B-14	1	2100	8-25
B-15	2	2145	8-25
B-16	1	2250	8-25
B-17	2	2340	8-25
B-18	3	0045	8-26
B-19	4	0200	8-26
B-20	4	0630	8-26
B-21	2	0746	8-26
B-22	1	0830	8-26
B-23	4	0945	8-26
B-24	3	1030	8-26
B-25	2	1115	8-26
B-26	1	1150	8-26
B-27	3	2130	8-26
B-28	4	2155	8-26
B-29	3	2300	8-26
B-30	4	2345	8-26

FIGURE B-1

```
OCTAVE BAND   LEQ       L         L         L         L         L
   HZ.         DB        5         10        50        90        95

   31.5       53.5      58        57        51        40        38
   63         49.2      54        53        48        41        40
   125        41.9      47        45        40        28        27
   250        33.2      40        37        27        26        26
   500        26.9      32        29        24        24        24
   1000       24        24        24        24        24        24
   2000       24.6      26        24        24        24        24
   4000       28.2      33        27        24        24        24
   8000       32.4      38        30        24        24        24
   16000      26.4      29        24        24        24        24
   A-WT.      35.7      40        37        31        26        25 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/24/76
Time: 1045

```
-WT.  SOUND LEVELS


      25   ***************************   8 %
      26   ***********************************   10.4 %
      27   *************   3.8 %
      28   *******************   5.5 %
      29   ***************************   8.1 %
      30   **********************************************   13.6 %
      31   *******************************   9.3 %
      32   ********************************   9.5 %
      33   *************************   7.5 %
      34   ************   3.6 %
      35   **********   3 %
      36   ***************   4.5 %
      37   ************   3.6 %
      38   *****   1.4 %
      39   ******   1.7 %
      40   *****   1.5 %
      41   ****   1 %
      42   ***   0.7 %
      43   *   0.2 %
      44   *   0.3 %
      45   *   0.3 %
      46   ***   0.7 %
      47   **   0.5 %
      48   **   0.5 %
      49   *   0.1 %
      50   ***   0.7 %
```

Sound Level (A Weighting) in dB re 20 µN/m2

```
              CUMULATIVE DISTRIBUTION

(%) EXCEEDED                 SOUND PRESSURE LEVEL-DB
     95                                25
     90                                26
     85                                26
     80                                27
     75                                28
     70                                29
     65                                29
     60                                30
     55                                30
     50                                31
     45                                31
     40                                32
     35                                32
     30                                33
     25                                33
     20                                35
     15                                36
     10                                37
     5                                 40
```

FIGURE B-2

CTAVE BAND HZ	LEQ DB	L_{5}	L_{10}	L_{50}	L_{90}	L_{95}
31.5	56.4	63	60	47	38	37
63	46.7	52	50	43	41	40
125	43.8	51	47	35	28	28
250	39.6	47	40	27	26	26
500	31.3	36	33	24	24	24
1000	24.4	25	24	24	24	24
2000	24	24	24	24	24	24
4000	24	24	24	24	24	24
8000	24.1	24	24	24	24	24
16000	24	24	24	24	24	24
A-WT	35.4	43	38	29	27	26 ?

Background Ambient Sound Data
Location: 3
Date: 8/24/76
Time: 1135

A-WT. SOUND LEVELS

Sound Level (A Weighting) in dB re 20 µN/m2

```
25  *  0.1 %
26  *******************  9.3 %
27  ********************************************  21.6 %
28  *******************************  15.5 %
29  *********************  10.3 %
30  ****************  7.8 %
31  **************  6.9 %
32  ***********  5.2 %
33  *******  3.2 %
34  *******  3.2 %
35  ******  2.8 %
36  *****  2.4 %
37  ***  1.4 %
38  ***  1.5 %
39  **  0.9 %
40  **  0.9 %
41  **  0.8 %
42  **  0.7 %
43  ***  1.3 %
44  ****  1.8 %
45  **  0.6 %
46  *  0.5 %
47  *  0.5 %
48  *  0.5 %
49  *  0.3 %
50  *  0.1 %
```

CUMULATIVE DISTRIBUTION

(%) EXCEEDED	SOUND PRESSURE LEVEL-DB
95	26
90	27
85	27
80	27
75	27
70	27
65	28
60	28
55	28
50	29
45	29
40	30
35	31
30	31
25	32
20	34
15	35
10	38
5	43

FIGURE B-3

```
OCTAVE BAND   LEQ        L         L         L         L         L
  HZ.          DB         5        10        50        90        95

  31.5        53.7       61        58        45        40        40
  63          44         48        47        42        41        41
  125         40         46        44        35        33        32
  250         32.7       39        36        29        28        28
  500         26.1       31        28        24        24        24
  1000        24.1       24        24        24        24        24
  2000        24         24        24        24        24        24
  4000        24         24        24        24        24        24
  8000        24         24        24        24        24        24
  16000       24         24        24        24        24        24
  A-WT.       30.9       36        34        29        27        27 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/24/76
Time: 1230

```
-WT.  SOUND LEVELS

     26  *   0.2 %
     27  ****************************  18.7 %
     28  **********************************************  30.4 %
     29  *****************************  18.8 %
     30  ****************  10.7 %
     31  ********  5.3 %
     32  ****  2.6 %
     33  ****  2.4 %
     34  ****  2.4 %
     35  ***  2 %
     36  ****  2.2 %
     37  ***  1.5 %
     38  **  1.3 %
     39  **  0.8 %
     40  *  0.4 %
     41  *  0.2 %
     42  *  0.1 %
     43  *  0.1 %
```

Sound Level (A Weighting) in dB re 20 μN/m2

```
                    CUMULATIVE DISTRIBUTION

            (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
                95                              27
                90                              27
                85                              27
                80                              28
                75                              28
                70                              28
                65                              28
                60                              28
                55                              28
                50                              29
                45                              29
                40                              29
                35                              29
                30                              30
                25                              30
                20                              31
                15                              32
                10                              34
                5                               36
```

FIGURE B-4

```
TAVE BAND   LEQ       L        L        L        L        L
 HZ          DB        5        10       50       90       95

 31.5       57.9      65       62       43       35       35
 63         45.9      51       48       39       38       38
 125        37.8      43       41       28       27       26
 250        32        37       34       26       25       25
 500        26.7      29       25       24       24       24
 1000       24.9      24       24       24       24       24
 2000       25.1      24       24       24       24       24
 4000       25.4      26       24       24       24       24
 8000       25.3      27       25       24       24       24
 16000      25        24       24       24       24       24
 A-WT       30.6      35       33       27       25       25 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/24/76
Time: 1325

```
A-WT  SOUND LEVELS
```

Sound Level (A Weighting) in dB re 20 $\mu N/m^2$

```
   25  ********************************************  21.8 %
   26  *************************************************  24.5 %
   27  **************************  12.9 %
   28  *****************  8.4 %
   29  ***********  5.3 %
   30  ************  5.6 %
   31  ********  4 %
   32  *********  4.4 %
   33  **********  4.6 %
   34  ******  3 %
   35  *****  2.3 %
   36  **  1 %
   37  **  0.8 %
   38  **  0.7 %
   39  *  0.3 %
   40  *  0.1 %
   41  *  0.1 %
   42
   43
   44
   45
   46
   47  *  0.1 %
   48
   49
   50
   51
   52
   53
   54  *  0.1 %
```

```
                 CUMULATIVE DISTRIBUTION

   (%) EXCEEDED                SOUND PRESSURE LEVEL-DB
       95                              25
       90                              25
       85                              25
       80                              25
       75                              26
       70                              26
       65                              26
       60                              26
       55                              26
       50                              27
       45                              27
       40                              28
       35                              28
       30                              29
       25                              30
       20                              31
       15                              32
       10                              33
       5                               35
```

FIGURE B-5

```
OCTAVE BAND   LEQ      L      L      L      L      L
  HZ.          DB      5     10     50     90     95

  31.5        68.6    75     73     63     52     49
  63          56.7    62     60     52     50     49
  125         47.9    53     51     43     36     35
  250         40.9    45     43     36     35     35
  500         39      36     35     34     34     34
  1000        37.4    34     34     34     34     34
  2000        35.5    34     34     34     34     34
  4000        34.5    34     34     34     34     34
  8000        34.1    34     34     34     34     34
  16000       34      34     34     34     34     34
  A-WT.       42.1    44     42     36     34     33 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/24/76
Time: 1440

Sound Level (A Weighting) in dB re 20 $\mu N/m^2$

```
-WT.  SOUND LEVELS


   33   **********  5.6 %
   34   ************************************************  26.3 %
   35   *****************************  15.9 %
   36   ********************  11.1 %
   37   ******************  9.8 %
   38   ***************  7.9 %
   39   *********  4.9 %
   40   *********  4.8 %
   41   *******  3.6 %
   42   ****  1.9 %
   43   *****  2.7 %
   44   **  0.9 %
   45   **  1 %                       CUMULATIVE DISTRIBUTION
   46   ***  1.2 %
   47   **  0.9 %          (%) EXCEEDED          SOUND PRESSURE LEVEL-DB
   48   *  0.4 %               95                          33
   49                          90                          34
   50   *  0.1 %               85                          34
   51   *  0.2 %               80                          34
   52   *  0.1 %               75                          34
   53   *  0.1 %               70                          34
   54                          65                          35
   55   *  0.1 %               60                          35
   56                          55                          35
   57   *  0.1 %               50                          36
   58                          45                          36
   59   *  0.1 %               40                          37
   60                          35                          37
   61   *  0.1 %               30                          38
   62                          25                          38
   63                          20                          39
   64   *  0.2 %               15                          40
                               10                          42
                               5                           44
```

```
OCTAVE BAND   LEQ        L         L         L         L         L
   HZ          DB         5        10        50        90        95

   31.5       56.4       63        60        49        42        41
   63         56.1       63        60        49        40        39
   125        56         61        58        47        32        31
   250        50.4       51        48        36        27        27
   500        42.6       43        40        25        24        24
   1000       40.7       28        25        24        24        24
   2000       37.5       24        24        24        24        24
   4000       33.3       24        24        24        24        24
   8000       29.8       24        24        24        24        24
   16000      26.2       24        24        24        24        24
   A-WT       47.4       49        46        36        27        27 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/24/76
Time: 1530

Sound Level (A Weighting) in dB re 20 µN/m²

```
A-WT  SOUND LEVELS

       26  **   0.4 %
       27  **************************************************  10.8 %
       28  ************************************   7.9 %
       29  ***********   2.3 %
       30  **************   3 %
       31  ********************   4.3 %
       32  **********************   4.8 %
       33  ************************   5.2 %
       34  **************************   5.7 %
       35  **********************   4.8 %
       36  **********************   4.9 %
       37  **************************   5.7 %
       38  **********************   4.8 %
       39  *******************   4.2 %
       40  ****************   3.6 %
       41  ***************   3.3 %
       42  ********************   4.3 %
       43  *****************   3.7 %
       44  **********   2.2 %
       45  ***********   2.3 %
       46  ***********   2.3 %
       47  **********   2.1 %
       48  *********   2 %
       49  *****   1.1 %
       50  *****   1 %
       51  ***   0.7 %
       52  **   0.4 %
       53  ***   0.7 %
       54  *   0.1 %
       55  **   0.3 %
       56  *   0.1 %
       57  *   0.1 %
       58  *   0.1 %
       59
       60  *   0.1 %
       61
       62  *   0.2 %
       63
       64
       65
       66
       67
       68  *   0.1 %
       69  *   0.1 %
       70
       71
       72  *   0.1 %
```

```
                CUMULATIVE DISTRIBUTION

      (%) EXCEEDED             SOUND PRESSURE LEVEL-DB
          95                            27
          90                            27
          85                            28
          80                            29
          75                            31
          70                            32
          65                            33
          60                            34
          55                            35
          50                            36
          45                            37
          40                            38
          35                            39
          30                            40
          25                            41
          20                            42
          15                            44
          10                            46
          5                             49
```

FIGURE B-7

```
OCTAVE BAND    LEQ        L         L         L         L         L
   HZ.          DB         5        10        50        90        95

   31.5        59.4       66        63        49        38        37
   63          50.5       54        53        49        47        47
   125         43         46        43        35        34        34
   250         38.2       40        38        35        35        35
   500         35.5       35        34        34        34        34
   1000        35         34        34        34        34        34
   2000        34.4       34        34        34        34        34
   4000        34.2       34        34        34        34        34
   8000        34         34        34        34        34        34
   16000       34         34        34        34        34        34
   A-WT.       37.8       39        37        34        33        33 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/24/76
Time: 1615

```
-WT.  SOUND LEVELS
```

Sound Level (A Weighting) in dB re 20 µN/m2

```
    33  *****************************  23.1 %
    34  ************************************************  37.8 %
    35  *********************  16 %
    36  ***********  8.3 %
    37  *******  5.1 %
    38  ***  2.4 %
    39  ***  2.4 %
    40  **  1.2 %
    41  *  0.8 %
    42  *  0.3 %
    43  *  0.3 %
    44  *  0.7 %                   CUMULATIVE DISTRIBUTION
    45  *  0.2 %
    46  *  0.4 %          (%) EXCEEDED                SOUND PRESSURE LEVEL-DB
    47  *  0.3 %                95                                33
    48  *  0.2 %                90                                33
    49  *  0.2 %                85                                33
    50  *  0.1 %                80                                33
    51                          75                                34
    52                          70                                34
    53                          65                                34
    54  *  0.1 %                60                                34
    55                          55                                34
    56  *  0.1 %                50                                34
    57  *  0.1 %                45                                34
    58  *  0.2 %                40                                34
                                35                                35
                                30                                35
                                25                                35
                                20                                36
                                15                                36
                                10                                37
                                5                                 39
```

FIGURE B-8

```
OCTAVE BAND    LEQ        L          L          L          L          L
   HZ           DB         5          10         50         90         95

   31.5        55.9       62         59         45         39         38
   63          44.7       49         47         41         40         39
   125         36.5       41         39         33         30         29
   250         30.7       36         35         27         26         26
   500         24.9       27         26         24         24         24
   1000        24.1       24         24         24         24         24
   2000        24         24         24         24         24         24
   4000        24         24         24         24         24         24
   8000        24         24         24         24         24         24
   16000       24         24         24         24         24         24
   A-WT        29.1       33         31         27         26         26 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/25/76
Time: 0950

```
A-WT  SOUND LEVELS


        25  ********  3.6 %
        26  **********************************************  23 %
        27  **************************************************  24.7 %
        28  ************************  11.9 %
        29  *********************  10.2 %
        30  **********************  10.7 %
        31  **************  6.6 %
        32  *******  3.4 %
        33  ******  3 %
        34  ***  1.5 %
        35  *  0.3 %
        36  *  0.4 %
        37  *  0.2 %
        38  *  0.1 %
        39  *  0.1 %
        40
        41  *  0.2 %
        42  *  0.1 %
```

re 20 μN/m2

```
                 CUMULATIVE DISTRIBUTION

      (%) EXCEEDED                 SOUND PRESSURE LEVEL-DB
          95                                 25
          90                                 26
          85                                 26
          80                                 26
          75                                 26
          70                                 27
          65                                 27
          60                                 27
          55                                 27
          50                                 27
          45                                 28
          40                                 28
          35                                 29
          30                                 29
          25                                 30
          20                                 30
          15                                 31
          10                                 31
          5                                  33
```

FIGURE B-9

```
TAVE BAND   LEQ        L        L        L        L        L
 HZ.         DB         5        10       50       90       95

 31.5       72.4       80       77       64       41       37
 63         61.3       68       65       52       49       49
 125        51.3       55       52       41       37       37
 250        45.3       45       44       36       36       36
 500        43.2       44       39       34       34       34
 1000       40.3       36       35       34       34       34
 2000       39.5       34       34       34       34       34
 4000       40.2       34       34       34       34       34
 8000       40.2       34       34       34       34       34
 16000      41         34       34       34       34       34
 A-WT.      44         48       46       38       34       34 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/25/76
Time: 1410

Sound Level (A Weighting) in dB re 20 µN/m²

```
-WT.  SOUND LEVELS

  34  ******************************************  16.3 %
  35  ********************************************  17.1 %
  36  ********************  7.8 %
  37  *****************  6.6 %
  38  **********************  8.8 %
  39  ******************  6.9 %
  40  *****************  6.6 %
  41  **************  5.4 %
  42  ********  3.2 %
  43  **********  3.9 %
  44  *******  2.8 %
  45  ********  3 %
  46  *******  2.8 %                    CUMULATIVE DISTRIBUTION
  47  *******  2.5 %
  48  *******  2.8 %
  49  ***  1.2 %       (%) EXCEEDED           SOUND PRESSURE LEVEL-DB
  50  ***  0.9 %           95                           34
  51  **  0.5 %            90                           34
  52  *  0.2 %             85                           34
  53  *  0.1 %             80                           35
  54  *  0.2 %             75                           35
  55  *  0.1 %             70                           35
  56                       65                           36
  57  *  0.1 %             60                           36
  58                       55                           37
  59                       50                           38
  60                       45                           38
  61                       40                           39
  62  *  0.1 %             35                           40
  63                       30                           40
  64                       25                           41
  65                       20                           43
  66                       15                           44
  67                       10                           46
  68                       5                            48
  69  *  0.1 %
```

FIGURE B-10

```
OCTAVE BAND   LEQ       L        L        L        L        L
  HZ           DB        5       10       50       90       95

  31.5        59.1      67       61       47       39       38
  63          51.3      55       53       50       49       49
  125         43.8      49       48       40       35       35
  250         41        47       45       36       36       36
  500         38.8      44       41       34       34       34
  1000        34        34       34       34       34       34
  2000        34        34       34       34       34       34
  4000        34        34       34       34       34       34
  8000        34        34       34       34       34       34
  16000       34        34       34       34       34       34
  A-WT.       38.9      44       42       35       34       34 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/25/76
Time: 1515

```
-WT. SOUND LEVELS


     34  *************************************************  37.3 %
     35  ********************  14.3 %
     36  ***************  10.7 %
     37  ***********  7.7 %
     38  *******  5.1 %
     39  *******  4.8 %
     40  ******  4.2 %
     41  ******  4 %
     42  *****  3.2 %
     43  ***  1.9 %
     44  ***  2.3 %
     45  *  0.8 %
     46  **  1.3 %
     47  *  0.4 %
     48  **  1.3 %
     49  *  0.7 %
     50  *  0.3 %
```

Sound Level (A Weighting) in dB
re 20 μN/m2

```
                  CUMULATIVE DISTRIBUTION

      (%) EXCEEDED                SOUND PRESSURE LEVEL-DB
          95                                34
          90                                34
          85                                34
          80                                34
          75                                34
          70                                34
          65                                34
          60                                35
          55                                35
          50                                35
          45                                36
          40                                36
          35                                37
          30                                37
          25                                38
          20                                40
          15                                41
          10                                42
          5                                 44
```

FIGURE B-11

```
CTAVE BAND   LEQ       L        L        L        L        L
  HZ.         DB        5        10       50       90       95

 31.5        73.9      80       78       70       58       55
 63          62.7      68       67       57       50       50
 125         51.8      56       54       46       37       36
 250         44        48       45       38       36       36
 500         37.5      40       35       34       34       34
 1000        34.8      34       34       34       34       34
 2000        34.5      34       34       34       34       34
 4000        34.5      34       34       34       34       34
 8000        34.4      34       34       34       34       34
 16000       34.4      34       34       34       34       34
 A-WT.       42.8      47       46       38       34       34 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/25/76
Time: 1610

```
-WT.  SOUND LEVELS


     33  *  0.1 %
     34  *************************************  12.3 %
     35  **********************************************  15.1 %
     36  *******************************  10.1 %
     37  *****************************  9.5 %
     38  ***********************  7.6 %
     39  **********************  7.3 %
     40  *******************  6.1 %
     41  ***************  4.9 %
     42  **************  4.5 %
     43  ************  3.8 %
     44  ************  4 %
     45  ***********  3.6 %
     46  **********  3.1 %
     47  **********  3.1 %
     48  *****  1.5 %
     49  ***  1 %
     50  ***  1 %
     51  **  0.4 %
     52  *  0.2 %
     53  *  0.3 %
     54  *  0.3 %
     55  *  0.1 %
     56
     57
     58
     59
     60
     61
     62
     63  *  0.1 %
     64  *  0.1 %
```

Sound Level (A Weighting) in dB re 20 $\mu N/m^2$

```
                CUMULATIVE DISTRIBUTION

(%) EXCEEDED                  SOUND PRESSURE LEVEL-DB
    95                                   34
    90                                   34
    85                                   35
    80                                   35
    75                                   35
    70                                   36
    65                                   36
    60                                   37
    55                                   37
    50                                   38
    45                                   39
    40                                   39
    35                                   40
    30                                   41
    25                                   42
    20                                   43
    15                                   44
    10                                   46
    5                                    47
```

FIGURE B-12

OCTAVE BAND HZ	LEQ DB	L_{5}	L_{10}	L_{50}	L_{90}	L_{95}
31.5	39.7	44	44	37	35	35
63	41.8	45	44	41	40	40
125	35.5	40	39	33	31	31
250	34.5	41	39	26	26	26
500	26.6	31	30	24	24	24
1000	24.2	25	25	24	24	24
2000	24	24	24	24	24	24
4000	24	24	24	24	24	24
8000	24	24	24	24	24	24
16000	24.1	24	24	24	24	24
A-WT	30.6	35	34	29	27	27 ?

Background Ambient Sound Data
Location: 4
Date: 8/25/76
Time: 1945

A-WT. SOUND LEVELS

Sound Level (A Weighting) in dB re 20 µN/m2

```
26  ****  1.9 %
27  ************************************************  23.8 %
28  ********************************************  21.7 %
29  ********************************  15.8 %
30  *******************  9.3 %
31  ***************  7.2 %
32  ***********  5.4 %
33  *********  4.3 %
34  *******  3.3 %
35  *******  3.3 %
36  ****  1.7 %
37  **  0.8 %
38  **  1 %
39  *  0.2 %
40  *  0.3 %
41  *  0.2 %
```

CUMULATIVE DISTRIBUTION

(%) EXCEEDED	SOUND PRESSURE LEVEL-DB
95	27
90	27
85	27
80	27
75	27
70	28
65	28
60	28
55	28
50	29
45	29
40	29
35	30
30	30
25	31
20	32
15	32
10	34
5	35

FIGURE B-13

```
  AVE BAND    LEQ        L        L        L        L        L
 HZ.           DB        5       10       50       90       95

 31.5        58.3       65       62       49       38       37
 63          46.8       50       48       42       40       40
 125         43.3       45       41       34       33       32
 250         39.1       41       33       26       26       26
 500         30.6       26       25       24       24       24
 1000        26.2       24       24       24       24       24
 2000        25.5       24       24       24       24       24
 4000        24.8       24       24       24       24       24
 8000        24.8       24       24       24       24       24
 16000       24.5       24       24       24       24       24
 A-WT.       33.5       36       33       28       27       26 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/25/76
Time: 2020

```
-WT.  SOUND LEVELS
```

Sound Level (A Weighting) in dB re 20 μN/m^2

```
 26  ****************  8.9 %
 27  *************************************************  28.4 %
 28  ****************************************  23.3 %
 29  ************************  13.8 %
 30  *************  7.6 %
 31  ********  4.3 %
 32  *****  2.6 %
 33  ****  1.8 %
 34  ***  1.5 %
 35  ***  1.8 %
 36  **  1.1 %
 37  **  1 %
 38  *  0.6 %
 39  *  0.3 %                       CUMULATIVE DISTRIBUTION
 40  **  1.1 %
 41  *  0.5 %          (%) EXCEEDED             SOUND PRESSURE LEVEL-DB
 42  *  0.5 %              95                             26
 43  *  0.3 %              90                             27
 44  *  0.3 %              85                             27
 45  *  0.1 %              80                             27
 46  *  0.1 %              75                             27
 47  *  0.1 %              70                             27
 48                        65                             27
 49                        60                             28
 50                        55                             28
 51                        50                             28
 52                        45                             28
 53                        40                             28
 54                        35                             29
 55                        30                             29
 56                        25                             30
 57                        20                             30
 58                        15                             31
 59                        10                             33
 60  *  0.1 %              5                              36
```

FIGURE B-14

```
OCTAVE BAND   LEQ        L         L         L         L         L
   HZ          DB         5         10        50        90        95

   31.5        53.7      61        58        41        32        31
   63          41.5      46        43        40        37        37
   125         29.3      35        31        26        25        25
   250         26.1      27        26        26        26        25
   500         24.1      24        24        24        24        24
   1000        24.1      24        24        24        24        24
   2000        24        24        24        24        24        24
   4000        24        24        24        24        24        24
   8000        24        24        24        24        24        24
   16000       24.1      24        24        24        24        24
   A-WT        25.7      28        26        25        24        24 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/25/76
Time: 2100

```
A-WT. SOUND LEVELS


    24  *************  13.3 %
    25  **********************************************************************  69.9 %
    26  ********  7.8 %
    27  **  2.8 %
    28  **  2.1 %
    29  *  1.4 %
    30  *  1.4 %
    31  *  0.6 %
    32  *  0.3 %
    33
    34  *  0.3 %
    35  *  0.1 %
    36
    37
    38
    39
    40
    41  *  0.1 %
```

Sound Level (A Weighting) in dB
re 20 µN/m2

```
                    CUMULATIVE DISTRIBUTION

        (%) EXCEEDED                SOUND PRESSURE LEVEL-DB
             95                              24
             90                              24
             85                              25
             80                              25
             75                              25
             70                              25
             65                              25
             60                              25
             55                              25
             50                              25
             45                              25
             40                              25
             35                              25
             30                              25
             25                              25
             20                              25
             15                              26
             10                              26
             5                               28
```

FIGURE B-15

```
CTAVE BAND   LEQ        L         L         L         L         L
 HZ.          DB         5         10        50        90        95

  31.5       70         75        74        67        58        55
  63         58         63        61        55        50        50
  125        48.5       54        52        46        39        37
  250        41.2       46        44        38        36        36
  500        34.9       37        35        34        34        34
  1000       34         34        34        34        34        34
  2000       34         34        34        34        34        34
  4000       34         34        34        34        34        34
  8000       34         34        34        34        34        34
  16000      34         34        34        34        34        34
  A-WT.      39.5       44        43        37        34        34 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/25/76
Time: 2145

Sound Level (A Weighting) in dB re 20 µN/m2

```
A-WT. SOUND LEVELS


      33  *  0.2 %
      34  **********************************  11.1 %
      35  **********************************************  15.3 %
      36  ***************************************  13 %
      37  **************************************  12.6 %
      38  *******************************  10.3 %
      39  *************************  8.3 %
      40  ************************  7.8 %
      41  *****************  5.5 %
      42  ***************  4.9 %
      43  ************  4 %
      44  **********  3.1 %
      45  ******  2 %
      46  ****  1.1 %
      47  **  0.5 %                    CUMULATIVE DISTRIBUTION
      48
      49  *  0.2 %            (%) EXCEEDED           SOUND PRESSURE LEVEL-DB
      50                           95                            34
      51                           90                            34
      52                           85                            35
      53                           80                            35
      54                           75                            35
      55                           70                            36
      56                           65                            36
      57  *  0.1 %                 60                            37
                                   55                            37
                                   50                            37
                                   45                            38
                                   40                            38
                                   35                            39
                                   30                            39
                                   25                            40
                                   20                            41
                                   15                            42
                                   10                            43
                                   5                             44
```

FIGURE B-16

```
CTAVE BAND   LEQ      L       L       L       L       L
  HZ          DB       5      10      50      90      95

  31.5       62.3     68      65      54      39      37
  63         51.1     55      53      49      47      47
  125        40       45      42      35      34      34
  250        36.2     37      36      36      35      35
  500        34       34      34      34      34      34
  1000       34       34      34      34      34      34
  2000       34       34      34      34      34      34
  4000       34       34      34      34      34      34
  8000       34       34      34      34      34      34
  16000      34       34      34      34      34      34
  A-WT       34.6     37      35      34      33      33 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/25/76
Time: 2250

Sound Level (A Weighting) in dB
re 20 µN/m2

```
A-WT. SOUND LEVELS


    33  **************************************  33.7 %
    34  ******************************************************  47.8 %
    35  **********  8.9 %
    36  ****  3.9 %
    37  **  1.9 %
    38  **  1.5 %
    39  *  0.8 %
    40  *  0.4 %
    41  *  0.5 %
    42  *  0.1 %
    43  *  0.3 %
    44  *  0.1 %
    45
    46
    47  *  0.1 %
    48
    49  *  0.1 %
```

```
                    CUMULATIVE DISTRIBUTION

          (%) EXCEEDED             SOUND PRESSURE LEVEL-DB
               95                            33
               90                            33
               85                            33
               80                            33
               75                            33
               70                            33
               65                            34
               60                            34
               55                            34
               50                            34
               45                            34
               40                            34
               35                            34
               30                            34
               25                            34
               20                            34
               15                            35
               10                            35
               5                             37
```

FIGURE B-17

```
TAVE BAND    LEQ        L         L         L         L         L
 HZ.          DB         5         10        50        90        95

 31.5        70.9       76        75        68        60        57
 63          58.3       64        62        55        49        48
 125         47.7       53        51        45        38        36
 250         39.3       44        43        37        36        36
 500         34.2       35        34        34        34        34
 1000        34         34        34        34        34        34
 2000        34         34        34        34        34        34
 4000        34         34        34        34        34        34
 8000        34         34        34        34        34        34
 16000       34         34        34        34        34        34
 A-WT.       39         43        42        37        35        34 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/25/76
Time: 2340

```
-WT.  SOUND LEVELS
```

Sound Level (A Weighting) in dB
re 20 μN/m2

```
 33  *  0. 1 %
 34  ****************************  9. 2 %
 35  *********************************************  15 %
 36  *************************************************  16. 3 %
 37  *************************************  12. 1 %
 38  ***********************************  11. 5 %
 39  *****************************  9. 7 %
 40  ************************  7. 8 %
 41  *****************  5. 7 %
 42  ***************  4. 8 %
 43  *********  3 %
 44  ******  1. 8 %
 45  *****  1. 7 %
 46  **  0. 7 %
 47  **  0. 4 %
 48  *  0. 3 %
 49
 50
 51  *  0. 1 %
```

```
                CUMULATIVE DISTRIBUTION

(%) EXCEEDED                SOUND PRESSURE LEVEL-DB
     95                               34
     90                               35
     85                               35
     80                               35
     75                               36
     70                               36
     65                               36
     60                               36
     55                               37
     50                               37
     45                               38
     40                               38
     35                               39
     30                               39
     25                               40
     20                               40
     15                               41
     10                               42
     5                                43
```

FIGURE B-18

```
CTAVE BAND   LEQ        L         L         L         L         L
  HZ          DB         5        10        50        90        95

  31.5       38.7       40        40        39        38        37
  63         41         42        42        41        40        39
  125        33.2       34        34        33        32        32
  250        25.4       26        26        25        25        25
  500        24.3       25        25        24        24        24
  1000       24.1       25        24        24        24        24
  2000       24         24        24        24        24        24
  4000       24         24        24        24        24        24
  8000       24         24        24        24        24        24
  16000      24         24        24        24        24        24
  A-WT       27.4       29        28        27        26        26 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/26/76
Time: 0045

```
-WT  SOUND LEVELS
```

Sound Level (A Weighting) in dB
re 20 $\mu N/m^2$

```
   25  *   0.1 %
   26  ************************  21.7 %
   27  **********************************************  42 %
   28  ******************************  27.2 %
   29  *********  7.4 %
   30  *   0.8 %
   31  *   0.3 %
   32  *   0.3 %
   33  *   0.2 %
   34  *   0.1 %
```

```
                      CUMULATIVE DISTRIBUTION

          (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
               95                               26
               90                               26
               85                               26
               80                               26
               75                               27
               70                               27
               65                               27
               60                               27
               55                               27
               50                               27
               45                               27
               40                               27
               35                               28
               30                               28
               25                               28
               20                               28
               15                               28
               10                               28
               5                                29
```

FIGURE B-19

```
 AVE BAND   LEQ        L        L        L        L        L
 HZ.         DB         5        10       50       90       95

 31.5       35.2       36       36       35       34       34
 63         40.1       41       41       40       39       39
 125        29.6       31       31       29       27       27
 250        25.9       27       27       26       25       25
 500        25.5       29       28       24       24       24
 1000       24.1       25       24       24       24       24
 2000       24         24       24       24       24       24
 4000       24         24       24       24       24       24
 8000       24         24       24       24       24       24
 16000      24.4       24       24       24       24       24
 A-WT.      27.2       30       29       27       24       24 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/26/76
Time: 0200

Sound Level (A Weighting) in dB
re 20 μN/m2

```
-WT.  SOUND LEVELS


 24   ****************************  13.7 %
 25   **************************************************  24.9 %
 26   ***********************  11.1 %
 27   *******************************  15.4 %
 28   ****************************** · 15 %
 29   **********************  10.9 %
 30   **********  4.6 %
 31   ******  3 %
 32   ***  1.2 %
 33   *  0.1 %
 34
 35   *  0.1 %
 36                              CUMULATIVE DISTRIBUTION
 37
 38   *  0.1 %     (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
                       95                              24
                       90                              24
                       85                              25
                       80                              25
                       75                              25
                       70                              25
                       65                              25
                       60                              26
                       55                              26
                       50                              27
                       45                              27
                       40                              27
                       35                              27
                       30                              28
                       25                              28
                       20                              28
                       15                              29
                       10                              29
                       5                               30
```

FIGURE B-20

```
CTAVE BAND   LEQ        L         L         L         L         L
  HZ          DB         5         10        50        90        95

  31.5       35.9       38        37        35        34        33
  63         40.9       42        42        41        40        40
  125        29.5       31        31        29        28        28
  250        25.4       26        26        25        25        25
  500        24.8       27        26        24        24        24
  1000       24.3       25        25        24        24        24
  2000       24         24        24        24        24        24
  4000       24         24        24        24        24        24
  8000       24         24        24        24        24        24
  16000      24         24        24        24        24        24
  A-WT       27.8       30        29        27        26        26 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/26/76
Time: 0630

Sound Level (A Weighting) in dB re 20 µN/m2

```
-WT. SOUND LEVELS

     25  ****  2.6 %
     26  ***********************  16.4 %
     27  *************************************************  35.1 %
     28  **********************************  24.2 %
     29  ********************  14.1 %
     30  ******  4.5 %
     31  **  1.3 %
     32  **  1.3 %
     33  *  0.5 %
     34  *  0.2 %


                        CUMULATIVE DISTRIBUTION

                 (%) EXCEEDED            SOUND PRESSURE LEVEL-DB
                      95                          26
                      90                          26
                      85                          26
                      80                          27
                      75                          27
                      70                          27
                      65                          27
                      60                          27
                      55                          27
                      50                          27
                      45                          28
                      40                          28
                      35                          28
                      30                          28
                      25                          28
                      20                          29
                      15                          29
                      10                          29
                      5                           30
```

FIGURE B-21

```
TAVE BAND   LEQ       L       L       L       L       L
 HZ.         DB        5      10      50      90      95

 31.5       68.2      75      73      61      48      43
 63         56.5      63      59      51      48      48
 125        47.3      53      50      39      34      34
 250        40        42      40      35      35      35
 500        35.1      34      34      34      34      34
 1000       34.1      34      34      34      34      34
 2000       34        34      34      34      34      34
 4000       34        34      34      34      34      34
 8000       34        34      34      34      34      34
 16000      34        34      34      34      34      34
 A-WT.      38.6      42      40      34      33      33 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/26/76
Time: 0746

```
-WT.  SOUND LEVELS


    32  *  0.1 %
    33  ***********************************************  31.2 %
    34  ***************************************  25.4 %
    35  *******************  12.3 %
    36  ************  7.4 %
    37  **********  6.6 %
    38  ******  3.8 %
    39  ****  2.3 %
    40  ****  2.1 %
    41  **  1.3 %
    42  *****  2.8 %
    43  **  1.3 %
    44  **  1 %                     CUMULATIVE DISTRIBUTION
    45  **  1 %
    46  **  0.9 %          (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
    47  *  0.3 %               95                             33
    48  *  0.3 %               90                             33
    49  *  0.1 %               85                             33
    50                         80                             33
    51  *  0.1 %               75                             33
    52                         70                             33
    53                         65                             34
    54                         60                             34
    55                         55                             34
    56                         50                             34
    57                         45                             34
    58                         40                             35
    59                         35                             35
    60                         30                             36
    61                         25                             36
    62                         20                             37
    63                         15                             38
    64  *  0.1 %               10                             40
                                5                             42
```

Sound Level (A Weighting) in dB re 20 µN/m2

FIGURE B-22

```
OCTAVE BAND   LEQ        L        L        L        L        L
   HZ          DB        5        10       50       90       95

   31 5       69.5       76       73       62       48       44
   63         58         64       60       51       48       48
   125        47.4       53       51       40       35       34
   250        39.1       44       42       36       35       35
   500        34.4       36       34       34       34       34
   1000       34         34       34       34       34       34
   2000       34         34       34       34       34       34
   4000       34         34       34       34       34       34
   8000       34         34       34       34       34       34
   16000      34         34       34       34       34       34
   A-WT.      38.7       43       41       35       34       34 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/26/76
Time: 0830

```
-WT. SOUND LEVELS

     33  **  1.4 %
     34  *****************************************************  36.9 %
     35  ***********************  16.1 %
     36  **************  10 %
     37  ************  8.8 %
     38  **********  7.1 %
     39  ******  4.3 %
     40  ****  2.7 %
     41  *****  3.2 %
     42  ****  2.4 %
     43  ***  2.2 %
     44  ***  1.7 %
     45  *  0.8 %
     46  *  0.3 %
     47  *  0.6 %
     48  *  0.5 %
     49  *  0.3 %
     50  *  0.2 %
     51  *  0.2 %
     52  *  0.2 %
     53  *  0.1 %
     54  *  0.2 %
```

Sound Level (A Weighting) in dB re 20 μN/m²

```
                CUMULATIVE DISTRIBUTION

        (%) EXCEEDED            SOUND PRESSURE LEVEL-DB
             95                           34
             90                           34
             85                           34
             80                           34
             75                           34
             70                           34
             65                           34
             60                           35
             55                           35
             50                           35
             45                           36
             40                           36
             35                           37
             30                           37
             25                           38
             20                           38
             15                           40
             10                           41
             5                            43
```

FIGURE B-23

```
CTAVE BAND   LEQ        L        L        L        L        L
  HZ.         DB         5       10       50       90       95

  31.5        74.2       80       78       70       61       57
  63          63         68       66       57       50       49
  125         52.9       57       54       46       39       37
  250         45.4       46       44       37       36       36
  500         39.6       36       35       34       34       34
  1000        36.8       34       34       34       34       34
  2000        36.4       34       34       34       34       34
  4000        36.4       34       34       34       34       34
  8000        36.4       34       34       34       34       34
  16000       36.4       34       34       34       34       34
  A-WT.       43.8       47       45       38       35       34 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/26/76
Time: 0945

Sound Level (A Weighting) in dB re 20 µN/m2

```
A-WT. SOUND LEVELS


     33  *   0.1 %
     34  ************************   8 %
     35  ***************************************   12.8 %
     36  **********************************   11.3 %
     37  ***********************************   11.7 %
     38  *******************************   10.3 %
     39  ***********************   7.6 %
     40  **************************   8.6 %
     41  ******************   5.9 %
     42  ************   3.8 %
     43  ***************   5 %
     44  ********   2.4 %
     45  ************   3.8 %          CUMULATIVE DISTRIBUTION
     46  *******   2.2 %
     47  *******   2.1 %      (%) EXCEEDED                SOUND PRESSURE LEVEL-DB
     48  *****   1.5 %               95                                34
     49  **    0.4 %                 90                                35
     50  **    0.7 %                 85                                35
     51  **    0.5 %                 80                                35
     52  *   0.3 %                   75                                36
     53  *   0.3 %                   70                                36
     54  *   0.3 %                   65                                37
     55  *   0.2 %                   60                                37
     56  *   0.1 %                   55                                38
     57                              50                                38
     58  *   0.1 %                   45                                39
     59                              40                                39
     60                              35                                40
     61                              30                                40
     62  *   0.1 %                   25                                41
     63                              20                                42
     64  *   0.1 %                   15                                43
     65                              10                                45
     66                              5                                 47
     67
     68  *   0.1 %
```

FIGURE B-24

```
OCTAVE BAND   LEQ        L          L          L          L          L
   HZ          DB         5          10         50         90         95

   31.5       75.9       82         80         72         60         55
   63         65.4       71         69         58         50         49
   125        57.2       61         58         48         39         37
   250        52.4       52         49         39         36         36
   500        44.5       45         41         35         34         34
   1000       42.4       47         43         34         34         34
   2000       41.2       45         42         34         34         34
   4000       40.2       42         39         34         34         34
   8000       38.9       38         35         34         34         34
   16000      39.6       34         34         34         34         34
   A-WT.      49.7       54         51         42         36         35 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/26/76
Time: 1030

```
A-WT. SOUND LEVELS


    34   *******   1 %
    35   ***********************************************   6.5 %
    36   *********************************   4.5 %
    37   **********************************************   6.3 %
    38   ********************************************   6 %
    39   ****************************************************   7.1 %
    40   *****************************************************   7.3 %
    41   ************************************************   6.6 %
    42   ********************************************   6 %
    43   ***********************************************   6.5 %
    44   *************************************************   6.8 %
    45   ***************************   3.7 %
    46   *****************************************   5.7 %
    47   *************************************   5.1 %
    48   ******************************   4.1 %
    49   ********************   2.7 %
    50   ***********************   3.1 %
    51   ***************   2.1 %           CUMULATIVE DISTRIBUTION
    52   *************   1.8 %
    53   **********   1.4 %      (%) EXCEEDED             SOUND PRESSURE LEVEL-DB
    54   **************   1.9 %          95                              35
    55   *********   1.3 %               90                              36
    56   **   0.3 %                      85                              37
    57   ***   0.5 %                     80                              38
    58   *   0.1 %                       75                              39
    59   **   0.3 %                      70                              39
    60   *   0.1 %                       65                              40
    61   **   0.3 %                      60                              41
    62   *   0.2 %                       55                              41
    63   *   0.1 %                       50                              42
    64   **   0.3 %                      45                              43
    65                                   40                              44
    66   *   0.2 %                       35                              45
    67   *   0.2 %                       30                              46
    68   *   0.2 %                       25                              47
    69   *   0.1 %                       20                              48
                                         15                              49
                                         10                              51
                                          5                              54
```

Sound Level (A Weighting) in dB re 20 μN/m2

FIGURE B-25

```
TAVE BAND   LEQ       L        L        L        L        L
HZ.          DB        5        10       50       90       95

 31. 5      82. 2     87       86       80       72       69
 63         73. 4     79       77       70       63       61
 125        63. 8     68       67       60       53       51
 250        55. 6     59       57       51       47       46
 500        49. 6     49       47       44       44       44
 1000       46. 4     45       44       44       44       44
 2000       45. 1     44       44       44       44       44
 4000       44. 3     44       44       44       44       44
 8000       44        44       44       44       44       44
 16000      44        44       44       44       44       44
 A-WT.      55. 2     58       57       51       46       46 ?
```

Background Ambient Sound Data
Location: 2
Date: 8/26/76
Time: 1115

Sound Level (A Weighting) in dB re 20 μN/m2

```
-WT.  SOUND LEVELS


      44   ***  0. 6 %
      45   *******************  4. 1 %
      46   ******************************  6. 3 %
      47   *****************************************  8. 8 %
      48   *****************************************  8. 8 %
      49   **************************************  8. 2 %
      50   ***************************************  8. 4 %
      51   ***************************************  8. 4 %
      52   *******************************  6. 6 %
      53   ******************************************  9 %
      54   *********************************  7. 2 %
      55   *******************************  6. 6 %
      56   ********************************  6. 9 %
      57   *****************  3. 8 %
      58   ********  1. 7 %               CUMULATIVE DISTRIBUTION
      59   *********  1. 9 %
      60   ****  0. 8 %            (%) EXCEEDED          SOUND PRESSURE LEVEL-DB
      61   ***  0. 7 %                 95                          46
      62   **  0. 4 %                  90                          46
      63   **  0. 3 %                  85                          47
      64   **  0. 3 %                  80                          48
      65                               75                          48
      66   *  0. 1 %                   70                          49
      67                               65                          49
      68                               60                          50
      69                               55                          50
      70                               50                          51
      71                               45                          52
      72                               40                          52
      73                               35                          53
      74                               30                          54
      75                               25                          54
      76                               20                          55
      77                               15                          56
      78                               10                          57
      79                               5                           58
      80   *  0. 1 %
```

FIGURE B-26

```
OCTAVE BAND   LEQ        L        L        L        L        L
   HZ          DB        5       10       50       90       95

   31.5       72.5       78       76       67       54       51
   63         61         67       64       54       49       48
   125        50.4       56       53       44       35       35
   250        40.9       46       43       36       35       35
   500        34.5       35       34       34       34       34
   1000       34         34       34       34       34       34
   2000       34         34       34       34       34       34
   4000       34         34       34       34       34       34
   8000       34         34       34       34       34       34
   16000      34         34       34       34       34       34
   A-WT.      40.8       46       43       36       34       34 ?
```

Background Ambient Sound Data
Location: 1
Date: 8/26/76
Time: 1150

Sound Level (A Weighting) in dB re 20 μN/m²

```
A-WT  SOUND LEVELS


   33  ******  2.8 %
   34  ***********************************************  21.8 %
   35  **********************************  15.5 %
   36  **********************  10.8 %
   37  ******************  8.8 %
   38  ***************  7.3 %
   39  ***********  5.1 %
   40  **************  7 %
   41  **********  4.7 %
   42  ********  3.6 %
   43  *******  3.2 %
   44  ****  1.6 %                CUMULATIVE DISTRIBUTION
   45  *****  2.4 %
   46  ***  1.2 %            (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
   47  **  0.6 %                  95                             34
   48  ***  1.1 %                 90                             34
   49  **  0.8 %                  85                             34
   50  **  0.6 %                  80                             34
   51  *  0.3 %                   75                             35
   52  *  0.3 %                   70                             35
   53                             65                             35
   54  *  0.4 %                   60                             35
   55  *  0.2 %                   55                             36
   56  *  0.2 %                   50                             36
                                  45                             37
                                  40                             38
                                  35                             38
                                  30                             39
                                  25                             40
                                  20                             41
                                  15                             42
                                  10                             43
                                  5                              46
```

FIGURE B-27

```
CTAVE BAND    LEQ        L         L         L         L         L
  HZ.          DB         5        10        50        90        95

  31.5        42         46        45        41        39        38
  63          40.8       43        42        40        39        39
  125         37.4       42        39        36        35        35
  250         28.8       36        27        25        25        25
  500         25.4       26        25        24        24        24
  1000        24.3       25        25        24        24        24
  2000        24         24        24        24        24        24
  4000        24         24        24        24        24        24
  8000        24         24        24        24        24        24
  16000       24.5       24        24        24        24        24
  A-WT.       28.8       33        30        28        27        27 ?
```

Background Ambient Sound Data
Location: 3
Date: 8/26/76
Time: 2130

```
A-WT. SOUND LEVELS
```

Sound Level (A Weighting) dB
re 20 µN/m²

```
  26  *****  4.5 %
  27  ***********************************************  42.3 %
  28  **************************************  34.3 %
  29  *********  8.2 %
  30  ***  2.3 %
  31  **  1.6 %
  32  **  1.3 %
  33  **  1.7 %
  34  *  0.7 %
  35  *  0.8 %                  CUMULATIVE DISTRIBUTION
  36  **  1.5 %
  37  *  0.5 %          (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
  38  *  0.2 %              95                             27
  39  *  0.1 %              90                             27
  40                        85                             27
  41                        80                             27
  42  *  0.1 %              75                             27
                            70                             27
                            65                             27
                            60                             27
                            55                             27
                            50                             28
                            45                             28
                            40                             28
                            35                             28
                            30                             28
                            25                             28
                            20                             28
                            15                             29
                            10                             30
                            5                              33
```

FIGURE B-28

CTAVE BAND HZ	LEQ DB	L 5	L 10	L 50	L 90	L 95
31.5	38.5	43	41	37	35	34
63	39.7	42	41	39	39	38
125	27.5	31	30	26	25	25
250	25.6	27	26	25	25	25
500	24	24	24	24	24	24
1000	24	24	24	24	24	24
2000	24	24	24	24	24	24
4000	24	24	24	24	24	24
8000	24	24	24	24	24	24
16000	29	27	24	24	24	24
A-WT	26.3	28	27	25	25	24 ?

Background Ambient Sound Data
Location: 4
Date: 8/26/76
Time: 2155

A-WT SOUND LEVELS

Sound Level (A Weighting) in dB re 20 μN/m2

```
24  *******  6.3 %
25  ************************************************  44.5 %
26  ***********************************  32.6 %
27  ***********  10 %
28  ****  3.6 %
29  *  0.6 %
30  *  0.9 %
31  *  0.3 %
32  *  0.3 %
33  *  0.3 %
34  *  0.3 %
35
36  *  0.3 %
37
38  *  0.2 %
39  *  0.1 %
40
41  *  0.1 %
```

CUMULATIVE DISTRIBUTION

(%) EXCEEDED	SOUND PRESSURE LEVEL-DB
95	24
90	25
85	25
80	25
75	25
70	25
65	25
60	25
55	25
50	25
45	26
40	26
35	26
30	26
25	26
20	26
15	27
10	27
5	28

FIGURE B-29

OCTAVE BAND HZ.	LEQ DB	L_5	L_{10}	L_{50}	L_{90}	L_{95}
31.5	42.4	46	43	39	38	37
63	39.8	41	41	40	39	39
125	35	36	36	35	34	34
250	25.1	26	25	25	25	25
500	24.1	25	24	24	24	24
1000	24.1	25	24	24	24	24
2000	24	24	24	24	24	24
4000	24	24	24	24	24	24
8000	24	24	24	24	24	24
16000	24.2	24	24	24	24	24
A-WT.	27.2	28	28	27	26	26 ?

Background Ambient Sound Data
Location: 3
Date: 8/26/76
Time: 2300

A-WT. SOUND LEVELS

Sound Level (A Weighting) in dB re 20 µN/m2

```
26  **************  17.3 %
27  **********************************************  59.3 %
28  ****************  19.2 %
29  **  2.4 %
30  **  1.3 %
31  *  0.3 %
32  *  0.2 %
33  *  0.1 %
```

CUMULATIVE DISTRIBUTION

(%) EXCEEDED	SOUND PRESSURE LEVEL-DB
95	26
90	26
85	26
80	27
75	27
70	27
65	27
60	27
55	27
50	27
45	27
40	27
35	27
30	27
25	27
20	28
15	28
10	28
5	28

FIGURE B-30

```
OCTAVE BAND   LEQ      L        L        L        L        L
   HZ          DB       5       10       50       90       95

   31.5       37.3     39       39       37       35       35
   63         39.4     41       40       39       38       37
   125        26.4     28       27       26       25       25
   250        25.1     25       25       25       25       25
   500        24       24       24       24       24       24
   1000       24       24       24       24       24       24
   2000       24       24       24       24       24       24
   4000       24       24       24       24       24       24
   8000       24       24       24       24       24       24
   16000      24.7     24       24       24       24       24
   A-WT       25.7     28       27       25       24       24 ?
```

Background Ambient Sound Data
Location: 4
Date: 8/26/76
Time: 2345

```
 A-WT  SOUND LEVELS
```

Sound Level (A Weighting) in dB re 20 μN/m2

```
 24  **************  13.6 %
 25  *********************************************  45.3 %
 26  ***********************  23.1 %
 27  ************  12 %
 28  *****  4.8 %
 29  *  0.9 %
 30  *  0.3 %
 31
 32
 33
 34
 35
 36
 37
 38  *  0.1 %
```

```
                    CUMULATIVE DISTRIBUTION

          (%) EXCEEDED              SOUND PRESSURE LEVEL-DB
               95                             24
               90                             24
               85                             25
               80                             25
               75                             25
               70                             25
               65                             25
               60                             25
               55                             25
               50                             25
               45                             25
               40                             26
               35                             26
               30                             26
               25                             26
               20                             26
               15                             27
               10                             27
               5                              28
```

QUARTERLY REPORT - SUMMER, 1976
DOCUMENTATION OF VISIBILITY IN THE PICEANCE CREEK BASIN FOR RIO BLANCO OIL SHALE AND C-b SHALE OIL PROJECTS

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TWX: 910-951-0637

October 20, 1976

Rio Blanco Oil Shale Project
9725 East Hampden
Denver, Colorado 80231

Attention: Mr. Sam Miller

Gentlemen:

QUARTERLY REPORT - SUMMER, 1976
Documentation of Visibility
in the Piceance Creek Basin
for Rio Blanco Oil Shale and
C-b Shale Oil Projects

We are pleased to submit four (4) copies of the Summer Quarterly Report on the "Documentation of Visibility in the Piceance Creek Basin". The results presented in this report were obtained from approximately 400 visual range measurements made during June, July and August, 1976. As discussed in our telephone conversation of October 19, 1976, this report is presented as an additional quarterly report in lieu of inclusion in the final report as a separate section.

If there are any questions, please contact us.

Sincerely,

DAMES & MOORE

Dennis Haase

Dennis L. Haase
Staff Meteorologist

E M Roberts /mg.

Edwin M. Roberts
Partner

QUARTERLY REPORT - SUMMER, 1976
DOCUMENTATION OF VISIBILITY IN THE PICEANCE CREEK BASIN FOR RIO BLANCO OIL SHALE AND C-b SHALE OIL PROJECTS

DAMES & MOORE

9836-001-16
October, 1976

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ABSTRACT

Visual range measurements were made by photographic photometry in the Piceance Creek Basin area during the Summer of 1976 by Dames & Moore for Rio Blanco Oil Shale and C-b Shale Oil Projects. This program is one of many environmental studies being conducted to satisfy the requirements of the Federal Oil Shale Lease Environmental Stipulations.

Visual ranges obtained during this period were generally high; ninety-five percent of the measurements were greater than 51 miles, fifty percent were greater than 77 miles. Daily mean visual ranges generally varied by less than 30 miles during the period; variations in mean hourly visual ranges were less than 25 miles in each view. The generalized visibility (mean visual range) was found to be 79 miles for the Summer season.

INTRODUCTION

Documentation of visibility in the Piceance Creek Basin area is a cooperative study conducted by Dames & Moore for the Rio Blanco Oil Shale and C-b Shale Oil Projects. Initiated in September 1975, this study is one of many environmental programs being conducted to satisfy the requirements of the Federal Oil Shale Lease Environmental Stipulations.

The Environmental Stipulations have no specific requirement for a visibility monitoring program; however, the funding oil shale projects and the Oil Shale Supervisor have recognized the need for a program which will document the visibility and expand the capabilities of the air quality monitoring program.

Visibility studies are an integral part of any air quality monitoring program. Visibility measurements, though not yet capable of defining or measuring levels of specific atmospheric pollutants, are none-the-less good general indicators of the purity of air. Visibility is also probably the most frequently used layman tool for defining air quality and the only parameter of air quality measurements which is easily understood or recognized by the general public.

The objectives of this visibility program are to document the visibility in the area of the Piceance Creek Basin and identify trends or variations in visibility which

may be evident during the year-long monitoring program. Progress reports, made quarterly, present the results of monitoring in each of the four seasons, beginning with the Fall of 1975. A final report describing seasonal and annual mean visibilities will be presented at the completion of the study in late 1976.

The results of this program will provide baseline visibility data against which future data may be compared and with which concurrent meteorological and air quality data may be incorporated for further evaluation and consideration.

The method employed in the documentation of visibility incorporates the technique of photographic photometry to measure the attenuation of light by atmospheric scattering. Unlike the integrating nephelometer which relies on the analog response of a photoelectric detector to record light attenuation, photographic photometry employs photographic film as the recording medium. Steffans (1949) developed the basic equations and theory necessary to apply photography to the study of visibility through the atmosphere. Further elaboration on the method is presented in the following section.

Visibility measurements presented in this report were obtained during the months of June, July and August, 1976 and represent the Summer, 1976 monitoring period; approximately 400 measurements were obtained and used in the statistical analysis of visual range during the Summer Quarter.

OPERATIONAL PROCEDURES

DATA COLLECTION

Theory of the Method

Photographic measurements of the attenuation of light by atmospheric scattering have been made for many years in various ways and for different reasons. The technique is one method of turbidity measurement and has been applied to turbidity of water as well as turbidity of air. The technique has been used, for example, by the Lamont Geological Laboratories to measure undersea turbidity (Eittriem, 1969). Steffans (1949) developed the basic equations and theory necessary to apply photography to the study of visibility through the atmosphere. Steffans demonstrated that a camera can be used as an instrument for the measurement of visual range (visibility) and that a camera has certain advantages over the human eye: (1) a film provides a permanent record, (2) relative light intensities can be measured accurately, (3) a film can be calibrated for its reaction to light, (4) the camera eliminates "remembered" responses that may be an influence in human observers, (5) the camera, if maintained in good condition, does not experience focus changes, fatigue or deterioration in its repeatability, and (6) a telephoto lens allows measurements through long atmospheric path lengths.

Basically, the theory of the method states that if a black object of sufficient size is moved through the atmosphere away from an observer, the object will appear to become brighter as the distance from the observer increases. This increase in brightness is the result of atmospheric light being scattered toward the observer by small aerosol particles suspended in the column of air between the object and the observer. If the same object were moved away from the observer through a vacuum (receiving the same illumination always), it would remain black and would disappear only when the resolving power of the eye would no longer enable the observer to distinguish it.

The casual observer of western scenery has noticed the changing shades of gray in successively more distant mountain ranges. This effect demonstrates the attenuation of light through air that contains particulate matter; and it is this effect that is detected in photographic measurements of visual range.

The term visual range is used in this report rather than visibility when referring to a calculated distance of sight along a single path length.

Visual Range is defined in the following way: As a dark object is moved through the atmosphere toward the horizon sky, the contrast between the object and the sky decreases. At some distance the contrast becomes too small to be detected by the observer, and the object vanishes. The distance from the observer to the object at the vanishing point is the VISUAL RANGE. It is a mathematically definable quantity capable of being measured, requiring no unattainable or unrealistic assumptions.

Visibility is a rather subjective term that in common usage has the connotation of a general state of clarity of the air. It has more precise meaning when placed in the context of distance. That is, visibility could be defined as the farthest distance that any object of suitable size can be identified visually without the aid of magnifying instruments. Still the concept suffers, because of the multitude of variables allowed within the definition. Therefore, we have preferred to use the more limited concept of VISUAL RANGE, and define it in measurable quantities, leaving the term "visibility" to refer subjectively to the gross property of "being able to see" in all directions for a specified average distance.

Site and View Description

The collection of visibility data in the Piceance Creek Basin area is accomplished from a point approximately 8 miles southwest of Piceance Creek on a ridge between Hunter Creek and Dry Gulch. More precisely, the exact location of the photographic site is 39°46'11"N, 108°19'44"W, in:

Township	Range	Section	Description
3S	97W	19	SW/4 SW/4

This location was chosen for its proximity to tract C-a, leased by Rio Blanco Oil Shale Project, and tract C-b, leased by C-b Shale Oil Project. Additionally, this location has greater accessibility than other prospective sites and enables visual range measurements to be made along the Piceance Creek Basin.

Data are collected by photographing several objects, such as mountains or ridges, in each of four views which scan the horizon from the north-northwest to the east-northeast. These views were chosen to ensure that any directional variation in visibility which might occur could be evaluated. The use of at least two objects in each view enables the calculation of a visual range under a variety of visibility conditions. If inclement weather or other restrictions to visibility obscure the most distant object, visual range measurements can still be made with a less distant object. The minimum calculable visual range, however, is dictated by the availability of suitable objects near the camera site.

Although it would have been desirable to incorporate additional views and objects describing a larger portion of the horizon, the geographic nature of the area prohibited the use of additional views. The location of the views used in this study and their orientation to Piceance Creek and tracts C-a and C-b is shown in Plate 1. Profiles of the terrain along each view path are illustrated in Plate 2. The objects being photographed are identified by number. It should be noted that the vertical scale in these profiles is greatly exaggerated, approximately 26 times greater than the horizontal scale. Nevertheless, this perspective provides a good grasp of the relative air depths along the line of sight and the relative distances of each object from the camera.

Field Procedures

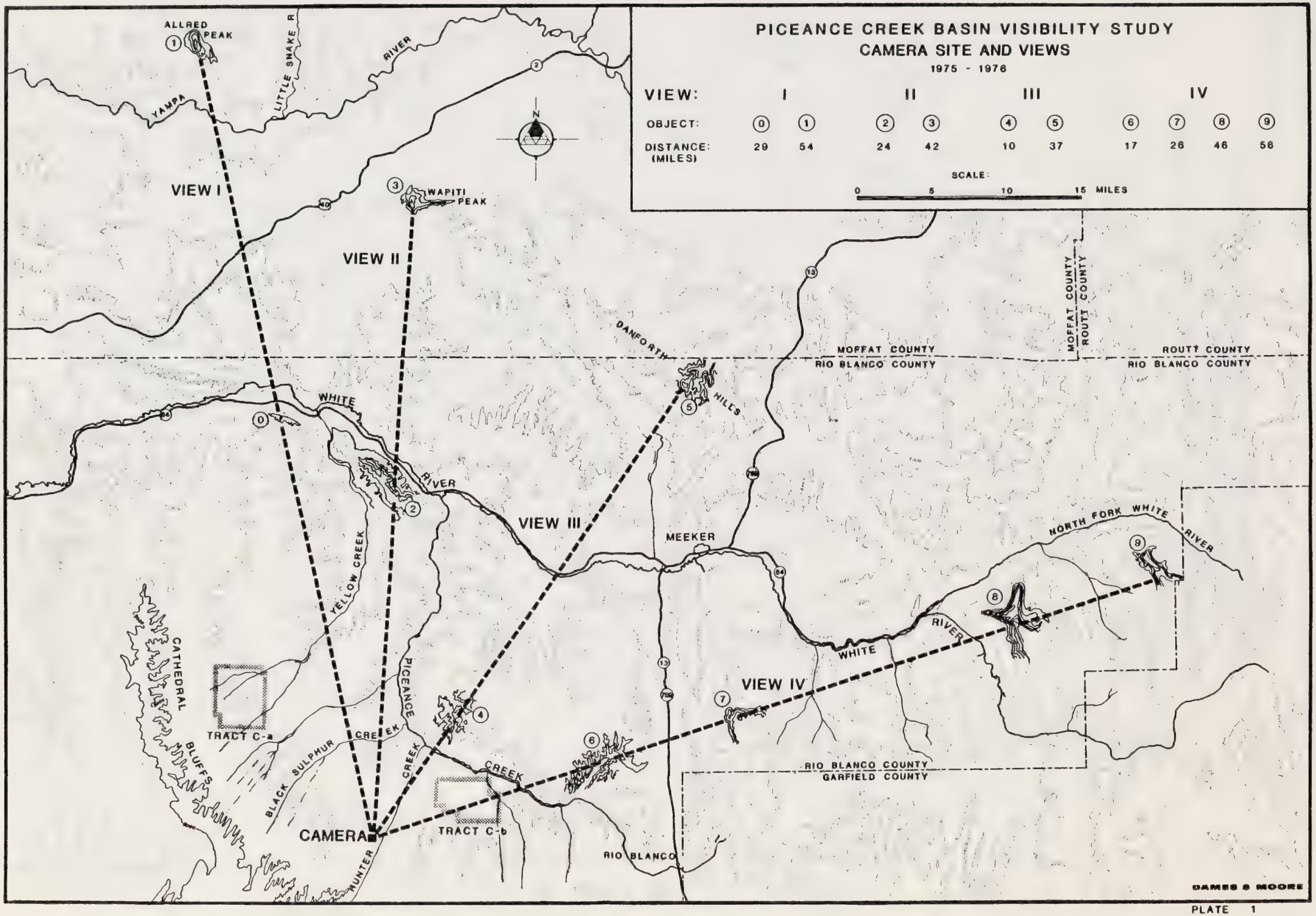
The photographic measurement of visual range is accomplished with a 35mm camera attached to an 800mm refractive lens. Black and white panchromatic film is used to photograph the objects in each view at prescribed hours every sixth day. In addition, color slides are taken concurrently with a normal focal length lens and 35mm camera to pictorially record the sky and weather conditions in each view during the hours of photography, i.e., 0830, 0930, 1030, 1130, 1300, 1400, and 1500 MST.

Each roll of film used is identified at the beginning of each scheduled day of photography with a photograph of a card identifying the film roll with the date, location and project number.

To ensure constancy of operation in the field, the photographer follows a standard operating procedure check list which details the steps to be taken for the collection of visual range data. In addition to the photography, pertinent visibility information is recorded each hour in a Site Log by the photographer to supplement the photographic study. Remarks are recorded each hour on the local weather conditions, restrictions to vision and view usability, with additional comments for any unusual occurrences such as camera malfunctions or site visits. At the completion of the day, the film is removed from the camera and stored in a cool, dry location until being mailed in insulated containers to the Phoenix office for development.

DATA PROCESSING

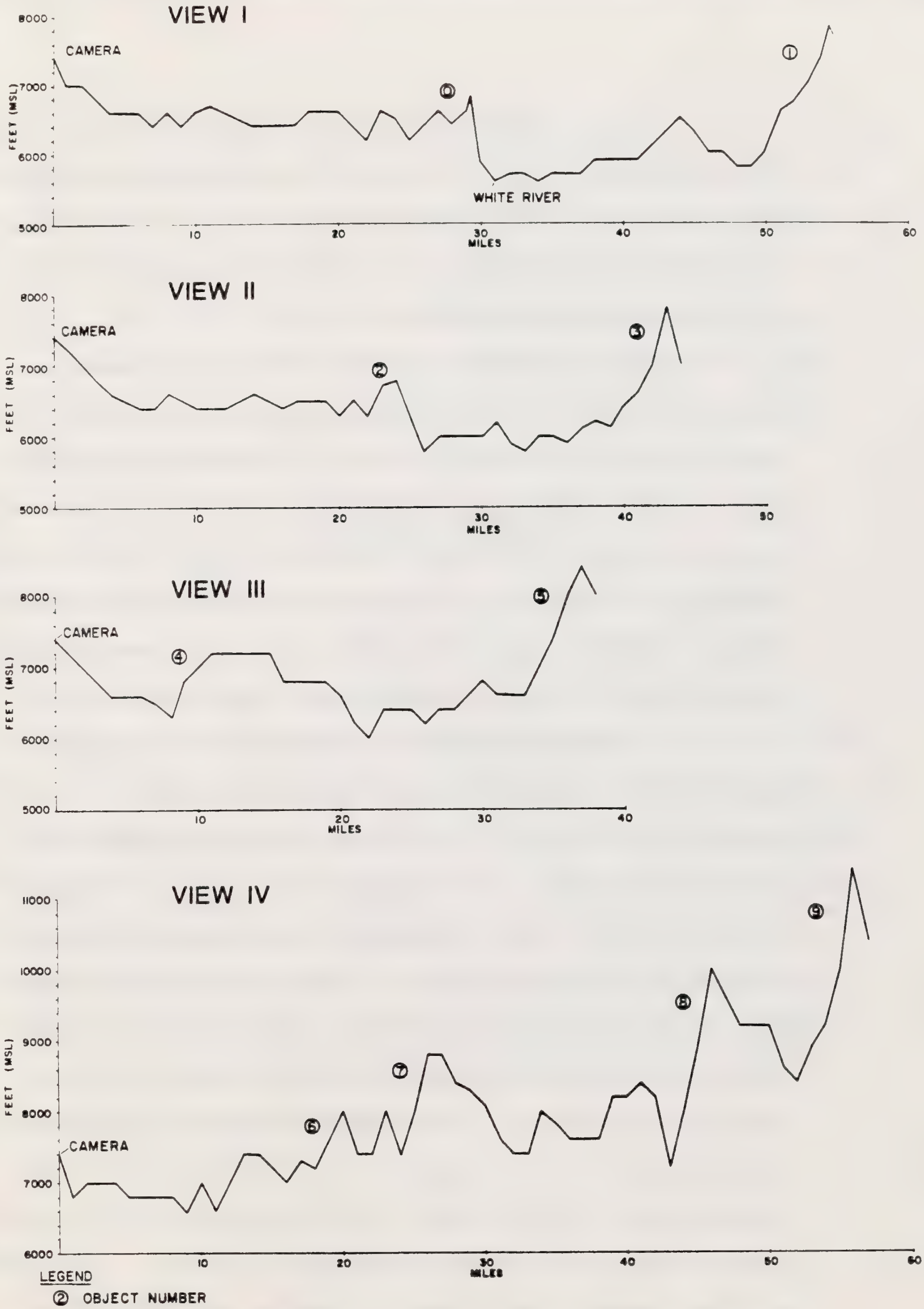
Processing of the black and white film is accomplished in the Dames & Moore Laboratory under closely controlled conditions. Photographic chemicals are frequently replaced and processing temperatures held to within ±1°C. Color film is not used to provide numerical data; thus it is developed through commercial sources.



PICEANCE CREEK BASIN VISIBILITY STUDY
CAMERA SITE AND VIEWS
1975 - 1976

VIEW:	I	I	II	II	III	III	IV	IV	IV	IV
OBJECT:	⓪	①	②	③	④	⑤	⑥	⑦	⑧	⑨
DISTANCE: (MILES)	29	54	24	42	10	37	17	26	46	56

PLATE 1



GENERALIZED CROSS SECTION OF THE TERRAIN
FOR EACH VIEW USED IN THE
PICEANCE CREEK BASIN VISIBILITY STUDY

DAMES & MOORE

PLATE 2

Prior to development of the black and white film, the leading end of each film roll is exposed to a calibrated series of eleven different light intensities. Each film roll is exposed to these light intensities in a Kodak Process Control Sensitometer Model 101.

Once development of the film roll is complete, the densities of the eleven steps, referred to as a sensitometric strip, are obtained with a MacBeth TD504 Densitometer. These densities, when plotted versus the logarithm of the exposure, determine a characteristic curve for that particular film roll. A typical example of a characteristic curve is shown in Figure 1. This curve provides the functional relation between exposure and image density.

In any photographic negative, the presence of an image is due to contrasts in light reflected by the several objects in the picture; the light enters the camera and sensitizes the film. The image on the film is created by an exposure, E, of the film proportional to the intensity of light, I, from the object. The ratio of light intensities from two objects in the same frame can be obtained from the measured densities of the two images and the characteristic curve. For example, suppose D_1 and D_2 are the image densities of two objects in the same frame. From the characteristic curve, values can be read for log E_1 and E_2 corresponding to the image densities D_1 and D_2. The ratio of light intensities I_1 and I_2 from the two objects is:

$$I_1/I_2 = E_1/E_2$$

Steffan's method of computing visual range consists of choosing the horizon sky as one of the objects. This may be denoted by replacing the subscript "2" with "H". Object 1 at a distance x from the camera produces an image of density D_1. The horizon produces an image of density D_H. The ratio of light intensities I_1/I_H is determined in the manner described above. The visual range, VR, is computed from the formula

$$VR = Mx/\ln\ (1-I_1/I_H)$$

where M is related to the ability of the eye to detect contrast. It has been found that the "average" eye is capable of detecting contrasts no less than 2 percent. For such an average eye, M has the numerical value of 3.912.

The above equation for visual range implies that the object is black. In practice, the objects are dark but not black. In such cases the equation can be modified to account for reflectance from the surface of the object. With judicial choice of objects, the correction amounts to less than about 5 percent in visual range. A detailed explanation of the equation and theory will be included as an appendix in the final report.

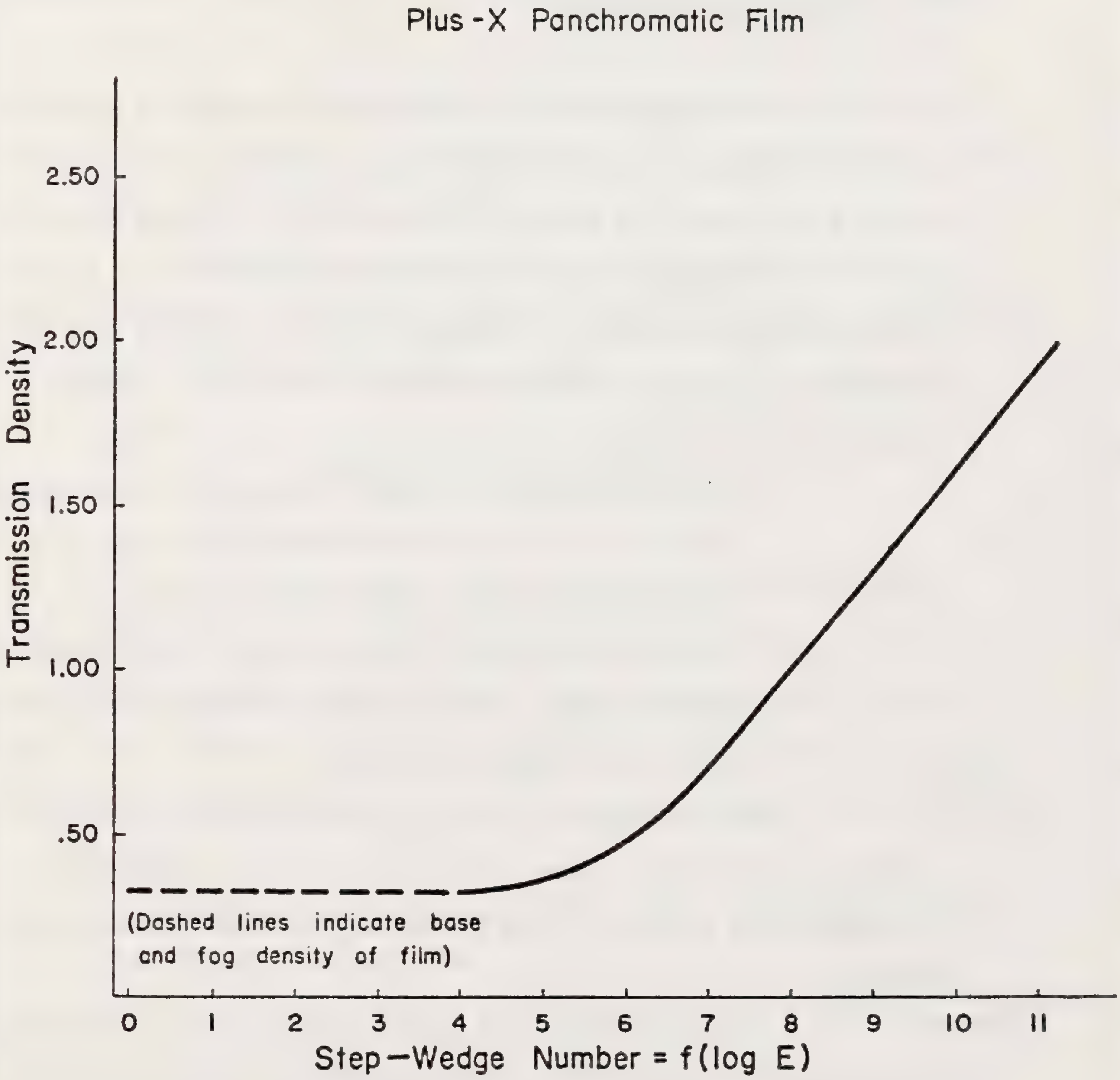


FIGURE 1 Characteristic (H & D) Curve For Typical Data Film

CALIBRATION AND PRECISION

The calibration of each of the parameters used in the calculations, and the experience gained from previous studies all serve to ensure the reliability of the data.

Parameters used in the calculation of the visual range such as the object distance and film density are each checked or calibrated against known quantities. Object distances, for example, are measured by two methods:

1. Line of sight aircraft flights for the measurement of camera-to-object distances and the identification of each object on a United States Geological Survey (USGS) topographic map.
2. Measurement of the object-to-camera distances on USGS topographic maps.

The two methods used to determine camera-to-object distances generally agree within five percent, although the distances obtained from the USGS maps always take precedence.

The characteristic curve, which defines the exposure-film density relation, is determined from a sensitometric strip placed on each film roll, as described previously. The sensitometer used to install this strip is factory calibrated, and the light source is replaced at the manufacturer's recommended intervals.

Density values obtained from each film roll are measured with densitometer calibrated with a step wedge similar to the sensitometric strip. The densitometer is calibrated before and after reading image densities from each film roll, but typically requires no adjustments. The repeatability of the instrument is ±.01 density units.

No specific precision data exist for the technique used to measure visibility; however, the total error involved is estimated to be less than five percent.

METHOD OF DATA PRESENTATION

During the Summer, 1976 monitoring period, visual range measurements were made during 15 scheduled days of photography over a three month period. Of a possible 420 visual range measurements, 396 were obtained for a 94 percent recovery; no days occurred, however, in which no measurements were obtained for the views.

Measurements of visual range during the Summer Quarter were occassionally hampered by scattered rain showers. Such episodes of visibility reduction or restriction by rain showers were not included, however, in the calculation of visual range for the views.

Results of the visual range measurements and statistical analyses are presented in this report on an expanding time basis as explained below:

A. Daily Basis - discussion of visual ranges obtained per day
    1) Mean - for composite of views
    2) Trends: discussion of variations in mean visual range - for each view
B. Monthly Basis - discussion of visual ranges obtained per month
    1) Mean - for composite of views
    2) Maximum and minimum - for composite of views
    3) Distribution - for composite of views
C. Seasonal Basis - discussion of visual ranges obtained during the season
    1) Mean - for each view
       - for composite of views
    2) Maximum and minimum - for each view
       - for composite of views
    3) Five percentile: 95 percent of observations exceeded this value - for each view
       - for composite of views

4) Standard Deviation: measure of the dispersion of a frequency distribution
   - for each view
   - for composite of views

5) Distribution - for each view
   - for composite of views

6) Trends: discussion of variations in mean hourly visual range - for each view
   - for composite of views

RESULTS AND CONCLUSIONS

EVALUATION OF VISUAL RANGE ON A DAILY BASIS

Daily mean visual ranges did not exhibit large fluctuations during the Summer Quarter; variations in the mean visual range of consecutive days of photography averaged 18 miles and were generally less than 30 miles. The single exception occurred during the last week in August when the daily mean visual range increased from 69 to 109 miles within a six day period. The smallest variations occurred from late June to mid July and during mid August when the daily mean visual ranges fluctuated less than 10 miles and on several occassions varied by only one or two miles.

TABLE 1

MEAN VISUAL RANGE (MILES)
FOR EACH DAY OF MONITORING
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

DATE	MEAN VISUAL RANGE
June 6	59
12	84
18	68
24	81
30	62
July 6	71
12	61
18	62
24	92
30	68
August 5	96
11	98
17	94
23	69
29	109

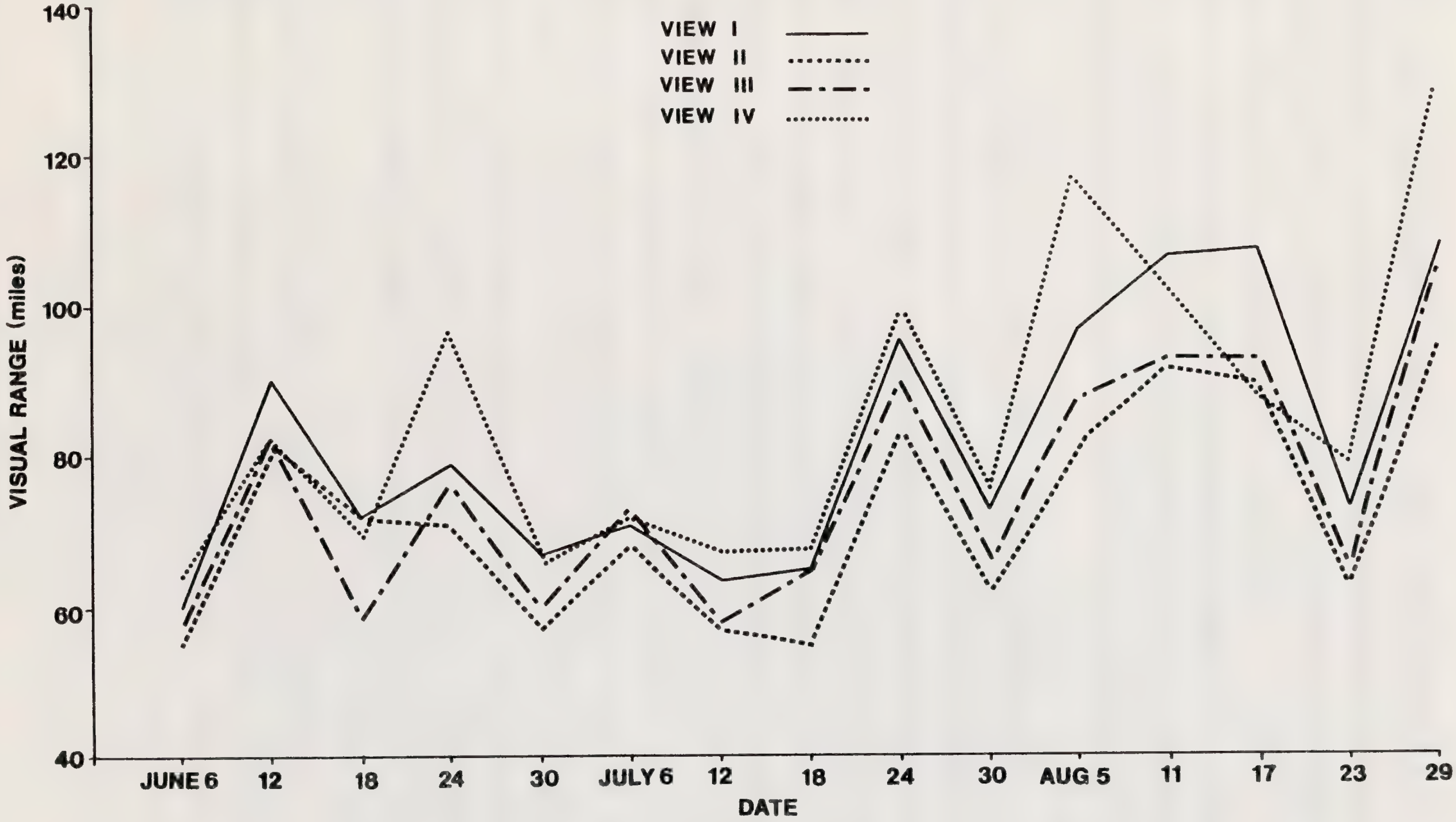


FIGURE 2

VARIATION IN DAILY MEAN VISUAL RANGE FOR FOR EACH VIEW
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

DAMES & MOORE

The daily mean visual ranges obtained every sixth day during the Summer Quarter are listed in Table 1. Mean visual ranges generally ranged from the low sixties to near one hundred miles, although one daily mean visual range near 110 miles was recorded. All values presented in Table 1 were based on seven hours of data; no days occurred in which visual range measurements could not be made in at least one view during each hour of photography.

Fluctuations in the daily mean visual range of the four views, shown in Figure 2, were generally similar; an increase or decrease in the mean visual range for an individual view was generally matched by a similar response in the remaining views.

The variation in the visual range among the views was usually less during periods of low daily mean visual ranges than during days of high mean visual ranges. Between June 30 and July 18, for example, when the daily mean visual range fluctuated between 62 and 71 miles, the maximum variation among the views was 13 miles; between August 5 and August 17, when the daily mean visual range fluctuated between 94 and 98 miles, the maximum difference was 36 miles. The maximum variation among the views during the entire quarter was also 36 miles, although the average range of values was 16 miles.

Restrictions to visibility during the Summer Quarter were limited to occassional rain showers either at the shelter or in the views. These restrictions were reported in the Site Log by the photographers and were recorded visually with the color film. Instances of visibility restriction or reduction by rain showers were not included in the determination of a visual range during that hour of photography. Occurrences of haze, smoke or any condition which affected the clarity of the objects photographed were also reported in the Site Log.

Days of low mean visual range, such as June 6 and 30 and July 12 and 18 were reported in the Site Log by the photographers to have considerable haze in the views during the morning hours. On June 6 and 30 and July 12, for example, haze was reported in all views with the heaviest haze appearing in Views I and II. On July 18, haze was also reported in all views, although no distinction was made of its distribution in the views. The daily mean visual ranges for these days fluctuated near 60 miles.

Days of high mean visual range, such as August 5, 11, 17, and 29 were reported to have little or no haze. The mean visual ranges for these days were near 100 miles.

EVALUATION OF VISUAL RANGE ON A MONTHLY BASIS

Monthly mean visual ranges obtained during the Summer Quarter varied little during June and July, but increased considerably during August. The mean visual ranges during June and July were 71 and 72 miles respectively, compared with 94 miles in August. Maximum values during the summer exceeded 140 miles; minimums were below 50 miles. The general characteristics of each of the Summer months are listed in Table 2.

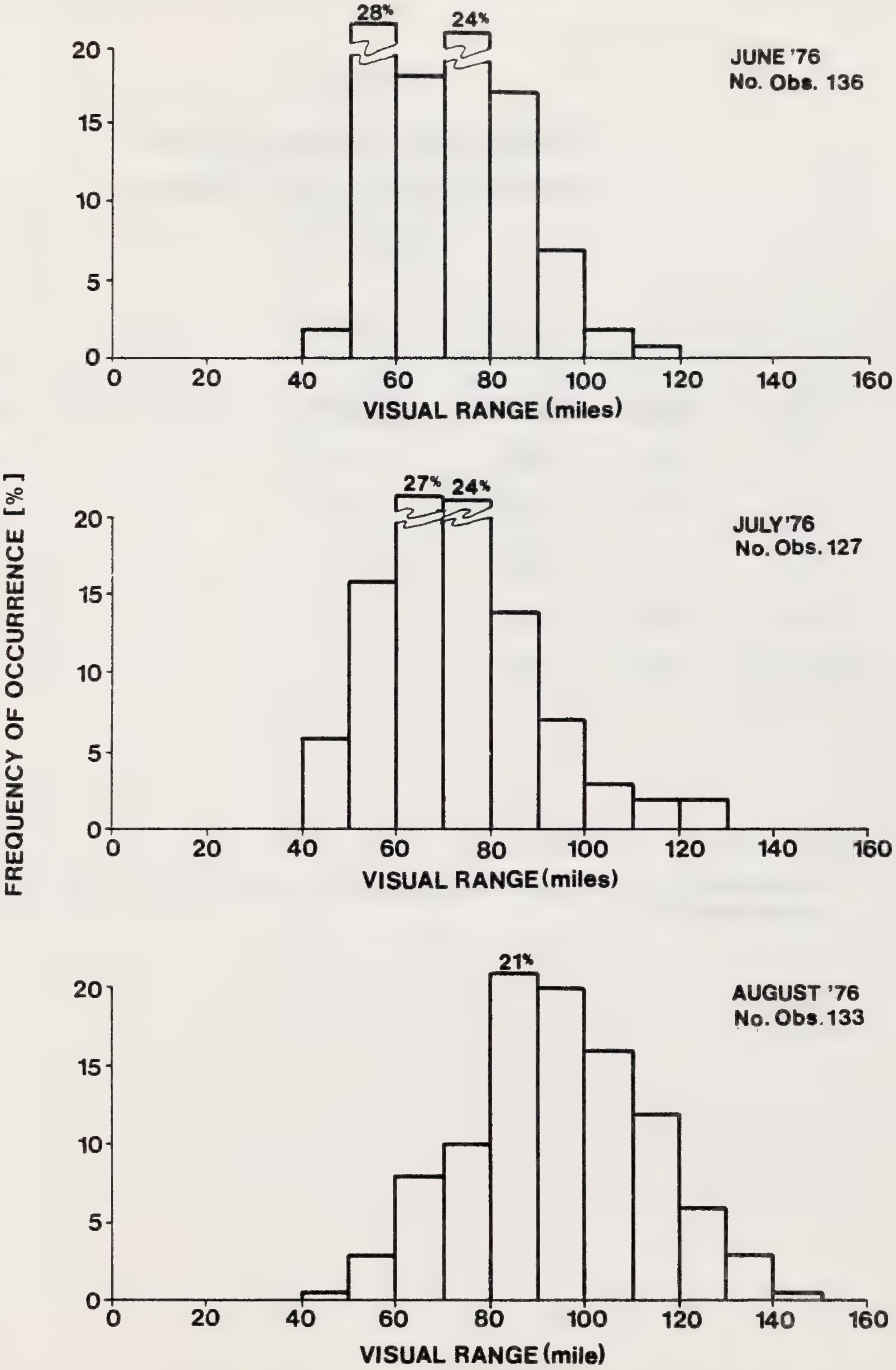


FIGURE 3

MONTHLY COMPOSITE DISTRIBUTION OF VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

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TABLE 3

VISUAL RANGE SUMMARY (Miles)

Piceance Creek Basin, Colorado

Summer, 1976

VIEW	MEAN	MAXIMUM	MINIMUM	5 PERCENTILE*	STANDARD DEVIATION
I	82	138	57	52	20.0
II	72	128	45	46	16.6
III	76	117	49	51	17.2
IV	85	147	50	61	23.3
Composite	79	147	45	51	20.0

*5 Percentile is that value above which occur 95% of the measurements

TABLE 2

VISUAL RANGE STATISTICS (Miles)
FOR ALL VIEWS COMBINED
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

Month	Mean	Maximum	Minimum	Standard Deviation
June	71	117	45	14.8
July	72	120	45	15.9
August	94	147	45	20.1

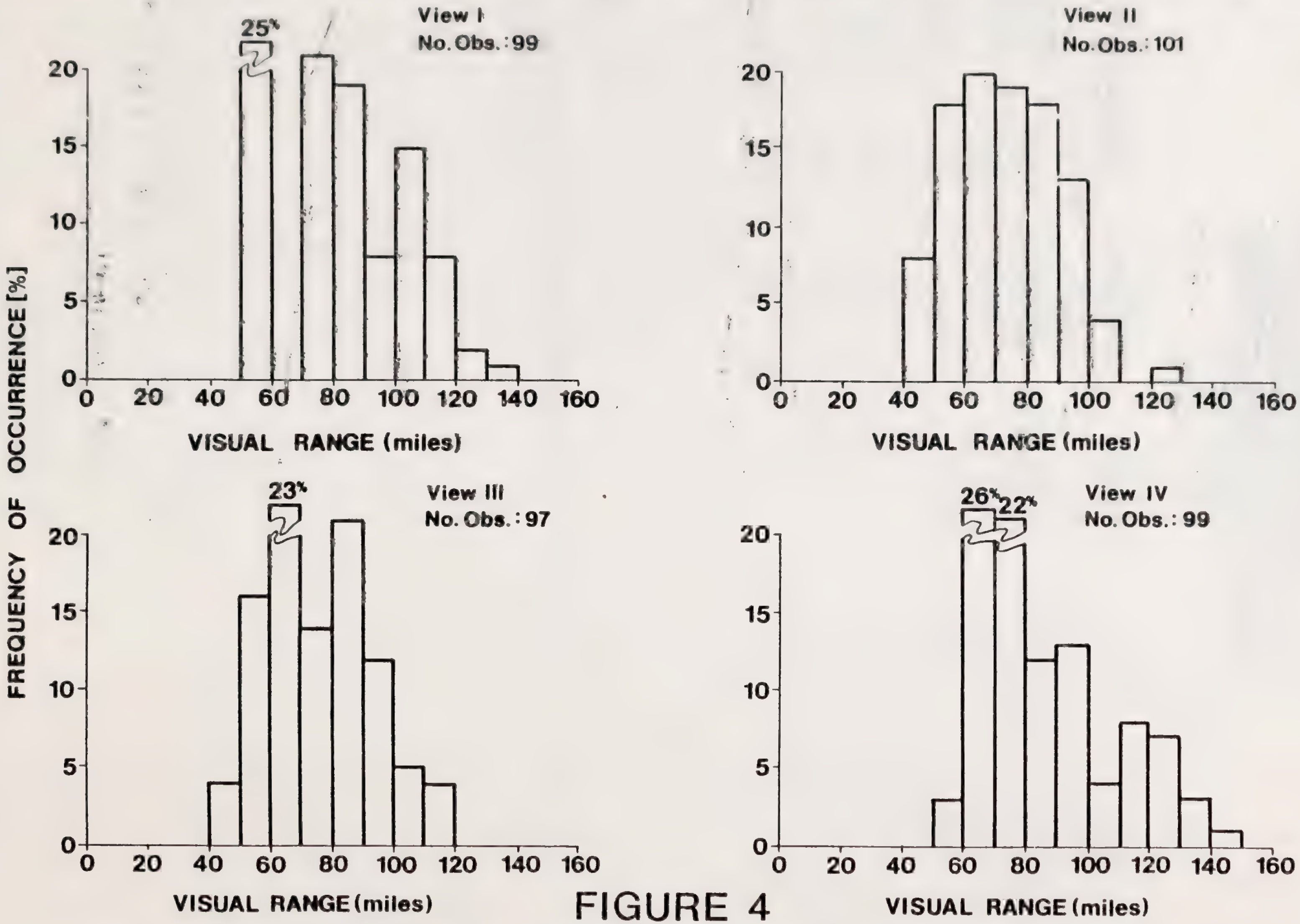


FIGURE 4
DISTRIBUTION OF VISUAL RANGE IN EACH VIEW
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

DAMES & MOORE

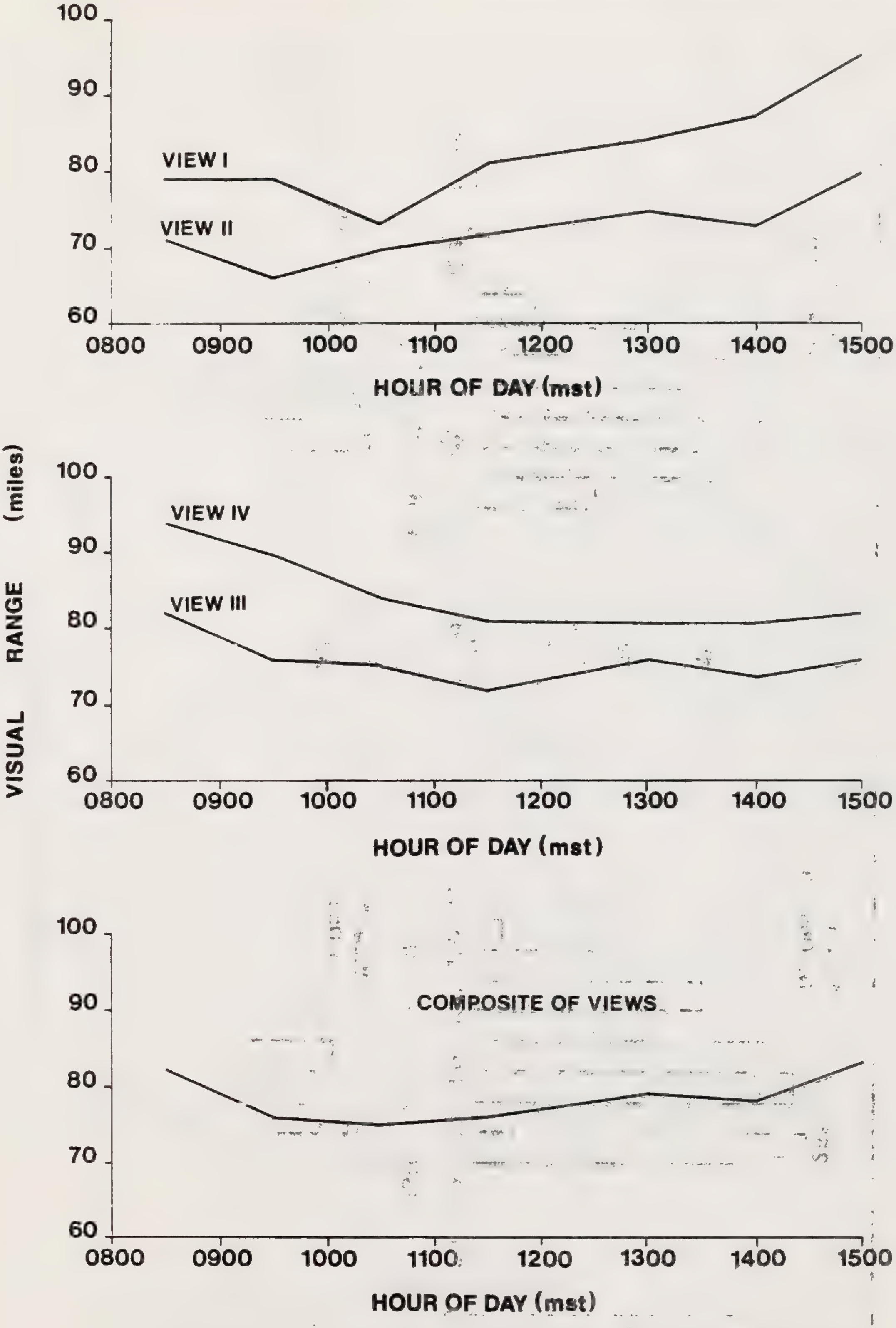
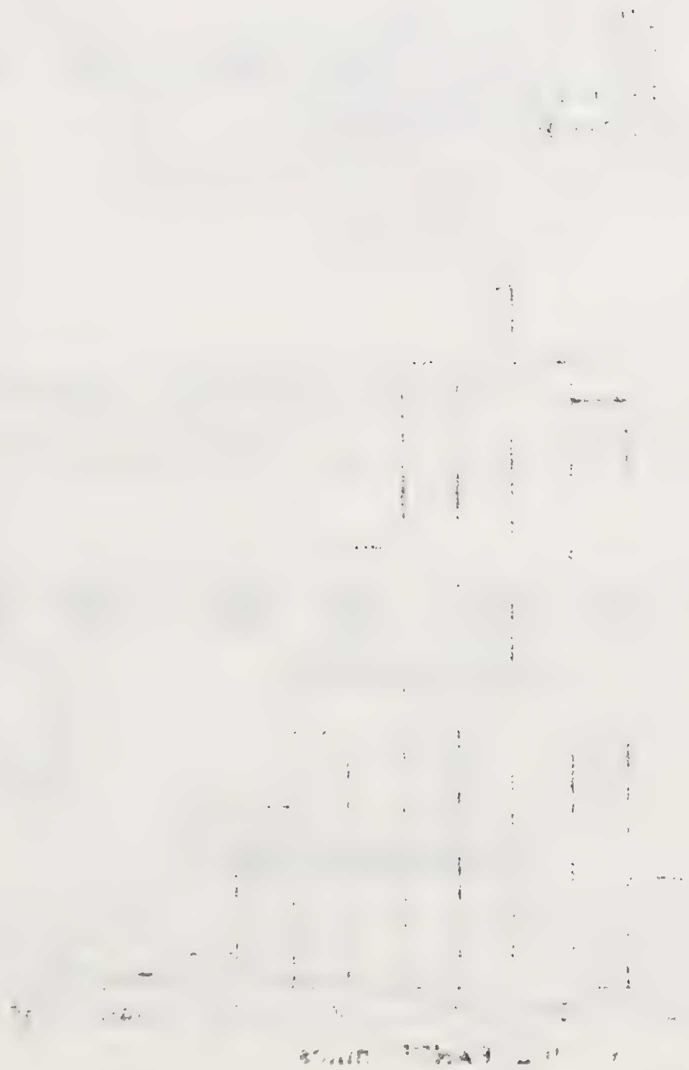


FIGURE 6

VARIATION IN THE MEAN HOURLY VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

DAMES & MOORE



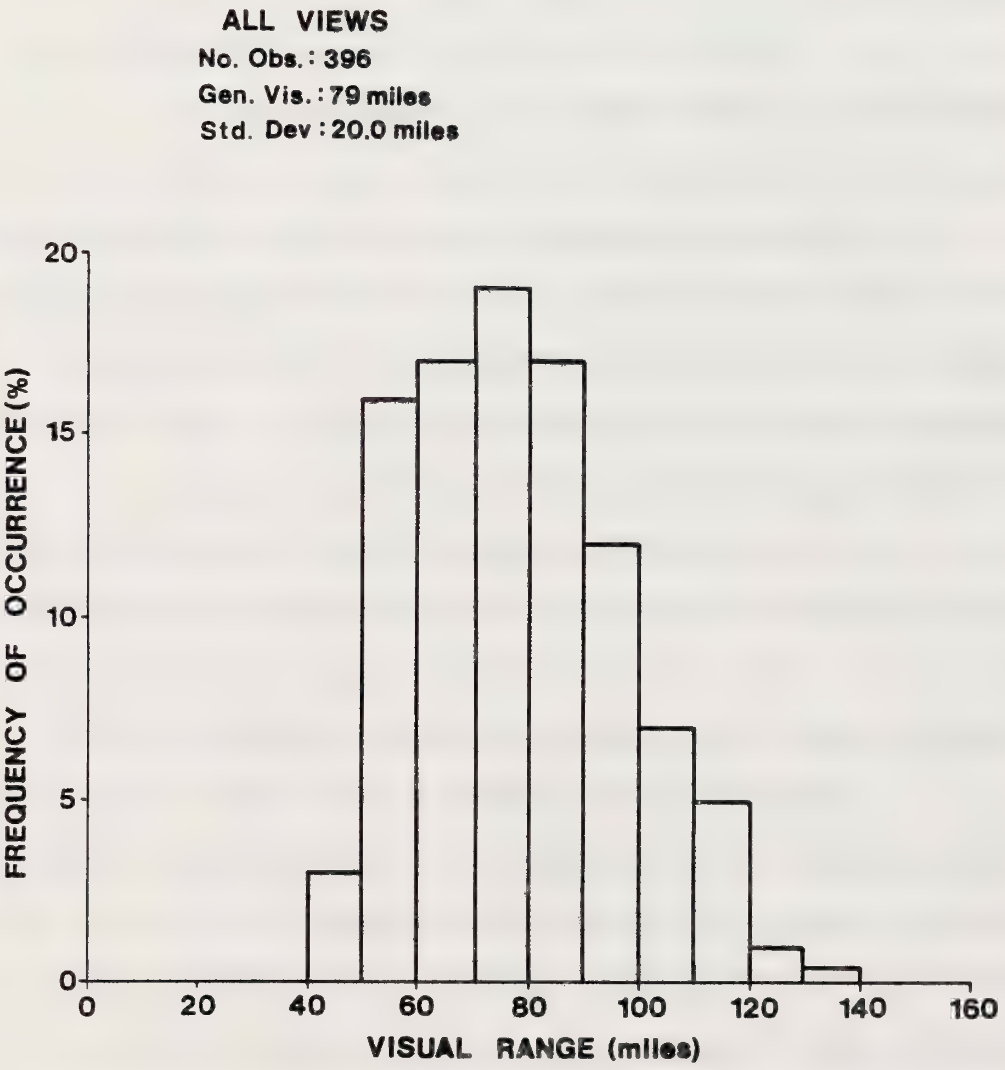


FIGURE 5

COMPOSITE VISUAL RANGE DISTRIBUTION
PICEANCE CREEK BASIN, COLORADO
SUMMER, 1976

The monthly composite distribution of visual range, shown in Figure 3, illustrates the high frequency of low values and the small range in values during June and July. Visual ranges during August were distributed over a wider range than either June or July.

EVALUATION OF VISUAL RANGE ON A SEASONAL BASIS

During the Summer Quarter, visual ranges were generally high, ninety-five percent of the visual range measurements were greater than 51 miles; 50 percent were greater than 77 miles. Pertinent statistics for each view and all views combined during the Summer Quarter are listed in Table 3.

Maximum visual ranges obtained during this period varied considerably among the views; maximum values ranged from 117 miles in View III to 147 miles in View IV. Minimum visual ranges varied little among the views, ranging 45 to 57 miles.

The mean visual ranges of the four views during the Summer Quarter were comparable; the mean visual range in View II was the lowest. The mean visual ranges for Views I, III, and IV were 82, 76, and 85 miles respectively; the mean visual range in View II, was 72 miles. The distribution of visual range in the four views is shown in Figure 4.

For purposes of describing the general state of visibility independent of direction, a composite distribution of all visual range measurements during the Summer Quarter was made. This distribution is illustrated in Figure 5. Visual ranges obtained during this period occurred most frequently between 70 and 80 miles.

To distinguish that mean value for all views during a season from the mean visual range for an individual view, the term generalized visibility has been chosen to represent the composite mean visual range. The term generalized visibility is the areal visibility, and the term visual range is reserved for a single path or view.

The generalized visibility in the Piceance Creek Basin area during the Summer Quarter was 79 miles. This value can be considered in comparison with the results of a similar study conducted over an eight month period (September 74 - April 75) at Grand Valley, Colorado (Dames & Moore, 1975). The generalized visibility during this study was 86 miles.

To describe hourly trends, mean hourly visual ranges for each view and for all views combined are presented in Figure 6 for each hour of photography. The separation of Views I and II from Views III and IV in Figure 6 have been performed only to facilitate comparison of the individual trends.

Hourly fluctuations in the mean visual range of Views I and II exhibit a general similarity; both views exhibit a mid-morning decrease in visual range, although an hour apart, and generally increase in the afternoon until reaching the daily maximum value at 1500 MST.

The mean hourly visual ranges in Views III and IV also exhibit a general similarity of change during the course of an average day. The visual range in both views decreased during the morning hours, and then stabilized during the afternoon. The composite trend, shown in Figure 6, exhibits a slight decrease in visual range during the morning hours and recovery in the afternoon.

REFERENCES

Dames & Moore, Air Quality Monitoring Project for Colony Development Operation, p. 61, 1975.

Eittriem, S., M. Ewing and E.M. Thorndike, Suspended Matter along the Continental Margin of the North American Basin, Deep Sea Research, vol. 16, p. 613, 1969.

Steffans, C., Measurement of Visibility by Photographic Photometry, Ind. & Eng. Chem., vol. 41, no. 11, p. 2396, 1949.

Valley, Shea L., Handbook of Geophysics and Space Environments, Air Force Cambridge Research Lab., p. 7-4, 1965.